

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1444755

Luminaire Tested: EHBR1-42-UNV-TA-L935-UPL15

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444755
REPORT IS A COMBINATION OF REPORTS P1444314 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-42-UNV-TA-L935-UPL15
Description: Elevate Round Highbay at, 42000 lumens, 3500K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

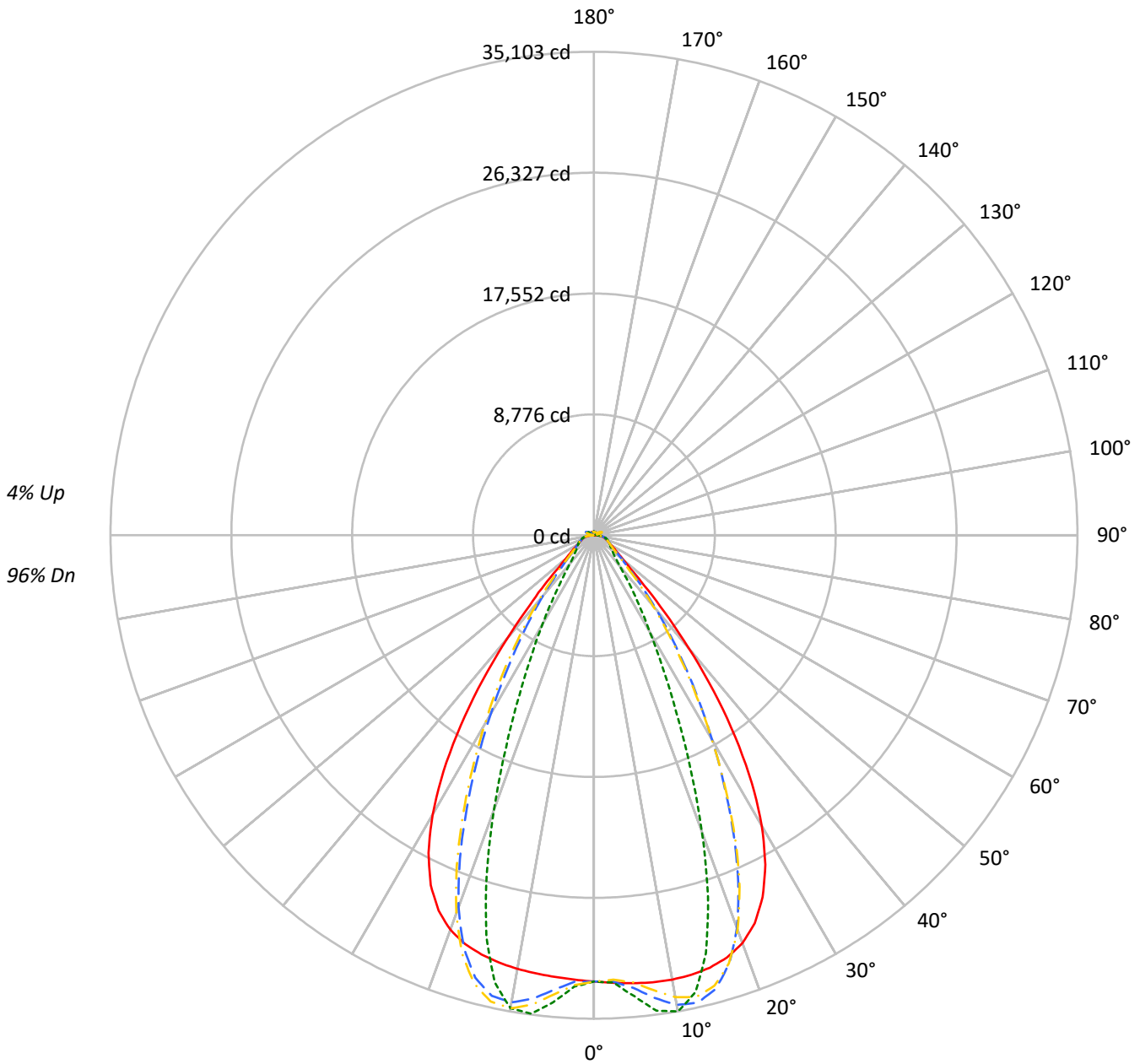
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38863.4 lumens
Efficiency: N/A
Efficacy: 166.3 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 233.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1444755
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	98	98	98	96
1	111	108	104	102	108	105	102	100	100	98	96	96	94	92	92	90	89	89	89	89	87
2	104	98	93	89	101	96	92	88	92	89	85	89	86	83	85	83	81	81	81	81	79
3	98	90	84	80	95	89	83	79	85	81	77	82	78	75	79	76	74	74	74	74	72
4	92	83	77	72	90	82	76	71	79	74	70	77	72	69	74	70	67	67	67	67	66
5	87	77	71	66	85	76	70	65	74	68	64	71	67	63	69	65	62	62	62	62	60
6	82	72	65	60	80	71	64	60	69	63	59	67	62	58	65	61	58	58	58	58	56
7	77	67	60	56	76	66	60	55	64	59	55	63	58	54	61	57	53	53	53	53	52
8	73	63	56	52	72	62	56	51	60	55	51	59	54	50	58	53	50	50	50	50	48
9	70	59	52	48	68	58	52	48	57	51	47	56	51	47	55	50	47	47	47	47	45
10	66	55	49	45	65	55	49	45	54	48	44	53	48	44	52	47	44	44	44	44	42

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	152168	152168	152168	152168
5°	152904	157363	150764	159424
10°	154181	165219	150484	164126
15°	154937	149770	150220	143740
20°	153336	111574	148317	103232
25°	145138	70564	140342	64024
30°	126789	42404	121878	38753
35°	97578	26608	91965	23570
40°	61727	16691	56475	15684
45°	31815	13003	31288	12789
50°	18653	11566	18081	11385
55°	14290	10943	13761	10844
60°	12092	11178	11577	11033
65°	11357	11674	10922	11275
70°	11096	12223	10543	11763
75°	11863	12962	11223	12390
80°	12278	14356	11132	13105
85°	11560	13849	9343	11859

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 48689 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3193.4	8.2
10°-20°	8983.3	23.1
20°-30°	10231.3	26.3
30°-40°	7353.8	18.9
40°-50°	3391.6	8.7
50°-60°	1623.0	4.2
60°-70°	1184.2	3.0
70°-80°	899.7	2.3
80°-90°	411.6	1.1
90°-100°	48.7	0.1
100°-110°	244.7	0.6
110°-120°	451.3	1.2
120°-130°	285.4	0.7
130°-140°	195.6	0.5
140°-150°	154.7	0.4
150°-160°	114.0	0.3
160°-170°	71.9	0.2
170°-180°	25.2	0.1
0°-30°	22408.1	57.7
0°-40°	29761.9	76.6
0°-60°	34776.5	89.5
0°-90°	37271.9	95.9
90°-120°	744.7	1.9
90°-150°	1380.3	3.6
90°-180°	1591.0	4.1
0°-180°	38863.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	32403	32403	32403	32403	32403	
5°	32648	33600	32191	34040	32648	3120
15°	32505	31421	31515	30156	32505	9158
25°	28984	14092	28026	12786	28984	13139
35°	17909	4884	16879	4326	17909	10991
45°	5148	2104	5062	2069	5148	4378
55°	1931	1479	1860	1465	1931	1783
65°	1185	1218	1140	1177	1185	1184
75°	836	913	791	873	836	869
85°	397	476	321	408	397	373
90°	100	128	23	30	100	63
95°	22	24	22	24	22	21
105°	92	115	63	116	92	120
115°	397	474	416	474	397	368
125°	312	314	352	315	312	284
135°	264	222	282	225	264	205
145°	250	231	264	236	250	157
155°	244	239	258	243	244	113
165°	253	249	261	252	253	72
175°	264	265	268	266	264	25
180°	268	268	268	268	268	



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32526.9	32524.3	32523.7	32521.4	32520.8	32520.8	32519.7	32517.1	32515.5	32511.7	32507.5
5°	32647.5	32646.1	32647.0	32647.2	32644.9	32639.8	32631.9	32622.2	32610.0	32598.4	32588.1
7.5°	32740.9	32743.1	32746.0	32745.4	32738.3	32726.5	32710.2	32701.1	32706.5	32724.2	32764.5
10°	32757.9	32771.9	32777.2	32775.6	32761.4	32751.2	32755.2	32789.4	32857.8	32949.0	33073.6
12.5°	32691.5	32708.5	32708.0	32702.3	32688.6	32702.5	32752.3	32854.4	33001.0	33180.7	33391.6
15°	32505.0	32527.1	32520.8	32513.6	32504.4	32550.2	32649.4	32827.0	33053.2	33306.7	33566.3
17.5°	32143.0	32169.6	32156.6	32148.3	32140.6	32226.3	32397.0	32656.9	32941.9	33228.7	33474.6
20°	31514.9	31532.7	31501.9	31487.3	31499.6	31667.6	31918.9	32250.9	32551.3	32822.4	32990.6
22.5°	30489.9	30512.1	30454.1	30447.4	30518.9	30777.0	31095.1	31466.1	31748.3	31963.2	32028.0
25°	28984.0	29005.8	28936.9	28978.1	29099.9	29451.3	29830.1	30227.0	30467.8	30627.0	30583.1
27.5°	26951.3	26971.3	26905.9	26990.0	27182.5	27644.4	28090.1	28520.6	28735.3	28846.8	28705.5
30°	24387.8	24429.2	24352.0	24469.3	24763.2	25362.8	25873.5	26356.3	26570.3	26655.2	26435.2
32.5°	21343.1	21402.0	21316.9	21491.4	21901.4	22621.7	23201.9	23741.4	23978.0	24074.9	23826.5
35°	17909.0	17993.5	17895.8	18157.9	18663.6	19465.7	20108.2	20710.4	20990.7	21128.1	20877.7
37.5°	14270.7	14351.3	14298.4	14648.0	15203.3	16034.7	16690.5	17340.3	17656.7	17862.9	17665.5
40°	10698.8	10772.5	10812.5	11212.3	11734.5	12518.1	13148.0	13790.9	14145.0	14403.7	14282.0
42.5°	7551.3	7625.6	7761.5	8147.3	8582.8	9231.4	9771.0	10348.1	10686.4	10962.5	10915.6
45°	5147.5	5233.9	5404.2	5720.0	6035.0	6500.3	6896.5	7345.4	7621.7	7874.6	7877.6
47.5°	3607.1	3667.7	3819.9	4035.6	4241.0	4823.5	4847.4	5068.0	5253.8	5442.8	5467.3
50°	2780.0	2816.4	2897.2	3017.4	3133.7	3284.9	3423.4	3583.3	3697.6	3801.2	3826.0
52.5°	2284.9	2308.1	2349.2	2414.3	2481.8	2564.0	2638.1	2725.9	2788.1	2843.6	2855.2
55°	1931.1	1950.3	2011.5	2023.8	2101.1	2116.0	2148.9	2202.3	2238.5	2271.7	2280.1
57.5°	1664.2	1678.2	1691.1	1718.9	1742.6	1777.2	1805.0	1843.4	1866.2	1890.2	1892.2
60°	1453.6	1463.6	1472.9	1492.1	1508.3	1532.3	1551.5	1577.6	1594.0	1612.0	1614.0
62.5°	1296.9	1304.0	1310.2	1322.9	1334.5	1353.0	1368.2	1389.9	1405.2	1419.1	1422.2
65°	1185.4	1190.6	1194.6	1204.2	1214.4	1230.1	1243.8	1261.7	1272.8	1283.5	1285.8
67.5°	1086.7	1091.8	1095.8	1104.5	1111.5	1123.3	1132.5	1145.9	1154.3	1162.8	1163.1
70°	973.6	978.3	981.4	989.5	995.1	1005.3	1012.7	1024.7	1033.4	1042.8	1045.3
72.5°	895.3	898.0	902.3	909.7	917.5	928.3	938.2	950.7	961.2	971.0	975.2
75°	835.7	839.0	841.7	848.1	853.5	862.6	870.1	881.5	890.6	901.2	906.3
77.5°	749.7	753.4	755.9	762.2	766.9	775.6	781.2	791.4	798.8	808.4	813.2
80°	645.9	649.3	651.0	657.0	660.7	668.8	674.2	684.0	690.3	699.9	705.5
82.5°	530.7	534.0	535.0	540.6	542.7	549.3	553.2	563.4	571.0	583.5	592.2
85°	397.3	398.6	400.5	399.1	407.1	407.6	416.7	418.4	430.4	433.5	447.2
87.5°	242.9	246.5	248.3	253.9	256.3	261.8	263.5	269.4	272.6	279.3	282.4
90°	99.6	105.0	106.7	112.9	114.5	120.1	121.3	127.5	129.2	135.8	137.9
92.5°	19.7	20.8	21.7	23.1	24.2	26.0	27.5	28.8	30.0	31.7	34.0
95°	22.0	23.3	24.6	25.7	27.0	28.3	29.5	30.7	32.0	33.3	36.8
97.5°	27.2	28.3	29.4	30.5	31.5	32.6	33.7	34.8	35.9	36.9	41.2
100°	34.8	35.7	36.6	37.5	38.4	39.4	40.3	41.2	42.1	43.1	51.0
102.5°	55.6	58.9	62.2	65.3	68.6	71.7	75.1	78.1	81.4	84.7	101.6
105°	91.6	100.3	109.3	118.0	126.8	135.7	144.5	153.0	161.9	170.6	198.4
107.5°	153.4	169.7	186.0	202.3	218.6	234.8	251.1	267.3	283.5	299.5	327.7
110°	279.0	291.9	305.1	318.0	331.1	344.3	357.4	370.1	383.3	396.2	416.7



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	375.0	380.7	386.6	392.4	398.3	404.0	409.9	415.6	421.5	427.2	441.7
115°	397.4	399.3	401.4	403.1	405.1	406.9	408.9	410.7	412.6	414.3	424.1
117.5°	388.9	388.3	387.8	387.4	386.6	386.0	385.4	384.6	383.9	383.2	388.5
120°	366.7	364.6	362.6	360.4	358.5	356.1	354.1	351.8	349.6	347.2	349.4
122.5°	338.2	335.7	333.4	330.7	328.3	325.6	323.1	320.1	317.7	314.9	315.4
125°	312.3	309.8	307.5	304.8	302.1	299.4	296.6	293.8	291.1	288.2	288.2
127.5°	290.5	288.7	286.9	284.8	282.7	280.5	278.3	276.0	274.0	271.4	271.2
130°	278.0	276.3	274.5	272.5	270.6	268.5	266.5	264.2	262.1	259.8	259.4
132.5°	268.5	267.3	265.9	264.3	262.7	260.8	259.2	257.0	255.4	253.6	253.1
135°	263.5	262.1	260.9	259.4	257.9	256.0	254.3	252.5	250.7	248.7	248.4
137.5°	259.7	258.5	257.2	255.8	254.3	252.4	250.8	249.0	247.2	245.3	245.0
140°	256.3	255.1	254.0	252.5	251.2	249.6	247.9	246.2	244.5	242.6	242.5
142.5°	251.8	250.7	249.9	248.5	247.3	245.9	244.4	242.7	241.4	239.7	239.7
145°	249.7	248.8	247.9	246.9	245.7	244.2	243.0	241.4	240.2	238.7	238.7
147.5°	247.9	247.1	246.4	245.4	244.5	243.3	242.1	240.7	239.5	238.3	238.5
150°	246.3	245.7	245.0	244.2	243.1	242.1	240.9	239.7	238.6	237.4	237.5
152.5°	244.3	243.4	242.9	242.0	241.1	239.9	239.1	237.9	236.8	235.7	235.7
155°	244.3	243.4	242.6	241.9	241.0	240.1	239.0	238.0	237.1	235.9	235.9
157.5°	245.3	244.4	243.8	242.9	242.4	241.5	240.7	239.7	238.9	238.1	237.9
160°	247.5	246.8	246.1	245.3	244.5	243.5	242.9	241.9	241.4	240.4	240.4
162.5°	249.9	249.1	248.4	247.6	246.9	246.1	245.3	244.7	244.0	243.1	243.0
165°	252.8	252.3	251.7	251.1	250.5	250.0	249.3	248.6	248.0	247.2	247.2
167.5°	257.2	256.6	256.1	255.4	254.8	254.2	253.6	252.9	252.4	251.6	251.6
170°	260.1	259.6	259.2	258.8	258.3	257.9	257.5	257.0	256.5	256.0	256.0
172.5°	262.7	262.3	262.0	261.8	261.3	261.1	260.8	260.4	260.1	259.7	259.9
175°	264.1	263.7	263.7	263.4	263.1	262.9	262.7	262.6	262.6	262.2	262.2
177.5°	266.1	266.0	266.0	265.9	265.9	265.7	265.6	265.4	265.3	265.3	265.4
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32504.4	32500.4	32495.1	32488.2	32482.3	32475.5	32459.3	32454.5	32459.8	32463.4	32470.9
5°	32581.6	32583.9	32584.7	32599.5	32612.3	32644.1	32893.4	32992.5	33069.0	33117.7	33191.6
7.5°	32814.5	32889.4	32963.5	33063.2	33149.2	33265.3	33701.5	33887.1	34019.1	34114.0	34230.7
10°	33209.1	33372.7	33526.0	33705.7	33860.1	34037.0	34443.0	34623.9	34738.1	34821.2	34898.7
12.5°	33606.6	33833.4	34038.5	34238.4	34405.5	34558.9	34701.7	34765.0	34770.3	34773.0	34731.8
15°	33813.6	34030.5	34211.1	34343.3	34441.6	34485.0	34239.2	34110.2	33947.3	33813.1	33592.2
17.5°	33683.0	33813.1	33891.1	33883.4	33842.8	33706.8	33010.6	32627.6	32247.4	31904.8	31455.5
20°	33102.0	33092.1	33024.3	32832.0	32600.4	32240.1	31046.4	30357.7	29691.8	29106.9	28397.5
22.5°	32021.4	31851.3	31614.3	31199.7	30739.2	30109.8	28399.1	27386.1	26459.1	25640.2	24722.8
25°	30455.6	30105.7	29668.5	29010.4	28294.7	27376.7	25268.3	24008.2	22895.2	21929.9	20871.4
27.5°	28451.6	27924.6	27283.9	26373.0	25403.4	24227.4	21889.8	20499.2	19304.4	18269.4	17142.9
30°	26079.2	25393.8	24566.3	23435.9	22266.2	20932.5	18561.6	17153.1	15943.8	14879.1	13751.7
32.5°	23398.0	22595.3	21625.7	20356.9	19092.1	17720.6	15431.1	14067.7	12912.4	11888.1	10867.7
35°	20440.9	19580.2	18554.3	17260.1	16002.9	14669.6	12568.7	11339.4	10319.2	9413.9	8589.9
37.5°	17268.8	16423.7	15448.7	14228.9	13063.1	11854.9	10042.1	9012.0	8155.9	7404.4	6768.3
40°	13970.9	13231.2	12387.6	11333.1	10338.1	9331.9	7843.9	7026.2	6350.6	5777.5	5300.8
42.5°	10713.2	10140.0	9493.1	8659.8	7898.4	7132.3	5986.9	5381.1	4880.7	4468.2	4131.0
45°	7772.8	7389.4	6955.4	6376.1	5849.4	5314.9	4499.7	4074.0	3748.1	3482.1	3257.2
47.5°	5433.5	5211.1	5197.6	4662.2	4275.9	3949.1	3424.0	3155.1	2955.4	2794.2	2651.8
50°	3815.8	3708.2	3574.6	3383.5	3204.2	3019.5	2699.6	2537.0	2420.1	2322.4	2232.4
52.5°	2852.6	2796.8	2725.5	2624.2	2527.0	2423.2	2220.7	2117.2	2080.4	1989.5	1918.2
55°	2278.4	2246.4	2205.9	2146.4	2087.3	2063.6	1890.1	1813.2	1764.6	1728.7	1690.4
57.5°	1892.6	1868.7	1844.7	1804.3	1770.2	1728.7	1636.6	1597.2	1568.2	1547.1	1520.5
60°	1614.4	1600.0	1586.6	1563.0	1544.5	1522.2	1463.6	1441.4	1426.3	1413.6	1396.7
62.5°	1424.8	1417.5	1410.6	1397.9	1388.6	1376.4	1336.5	1325.8	1318.3	1311.8	1301.5
65°	1288.1	1282.8	1278.9	1270.6	1265.9	1258.8	1224.5	1217.2	1212.6	1210.2	1204.2
67.5°	1163.8	1158.3	1155.8	1149.8	1147.8	1143.3	1115.2	1111.3	1109.7	1110.4	1108.3
70°	1047.5	1045.3	1046.4	1045.5	1048.2	1049.0	1031.9	1031.8	1033.6	1037.2	1037.6
72.5°	977.9	977.9	979.2	979.8	982.4	983.5	969.3	968.7	969.5	972.1	972.2
75°	911.6	912.7	916.3	917.5	920.5	921.1	902.3	900.2	900.3	902.8	902.0
77.5°	819.9	823.9	830.7	834.3	840.0	841.1	820.0	817.6	817.7	820.2	818.1
80°	715.7	723.3	734.2	741.8	750.7	754.2	732.7	727.5	722.7	722.0	717.6
82.5°	605.2	614.4	627.5	634.3	643.8	645.9	609.8	603.0	598.9	599.3	595.3
85°	462.0	468.9	480.8	484.7	490.6	490.1	448.8	431.1	435.8	428.5	434.2
87.5°	289.8	293.8	301.3	302.3	305.1	304.4	262.8	254.7	252.3	252.4	249.4
90°	144.7	147.5	154.1	154.3	158.6	158.0	124.4	120.7	117.6	119.2	115.0
92.5°	36.6	38.7	41.2	43.6	46.1	48.4	47.0	48.2	46.2	43.7	41.9
95°	40.5	44.1	47.9	51.5	55.2	58.8	62.5	66.2	62.7	59.2	55.7
97.5°	45.6	49.8	54.0	58.4	62.7	67.0	71.3	75.7	72.1	68.2	64.5
100°	59.1	67.2	75.1	83.3	91.2	99.2	107.3	115.4	108.3	101.1	94.0
102.5°	118.5	135.8	152.8	169.8	186.8	204.0	221.3	238.5	222.1	205.6	189.3
105°	226.0	253.7	281.4	308.9	336.5	364.2	392.3	419.9	393.8	367.8	341.6
107.5°	355.8	383.8	411.7	439.8	467.8	495.9	524.5	552.5	527.0	501.4	475.8
110°	437.1	457.3	477.7	498.1	518.4	538.7	559.8	580.3	564.9	549.4	533.9



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	456.1	470.6	485.1	499.4	513.8	528.2	543.8	558.4	550.4	542.3	534.6
115°	433.5	443.5	452.9	462.5	472.1	481.6	492.5	502.5	499.6	496.8	493.9
117.5°	393.7	398.9	404.1	409.3	414.4	419.4	426.4	431.8	431.7	431.9	431.9
120°	351.3	353.2	355.1	357.1	358.8	360.7	364.6	366.9	368.6	370.1	371.6
122.5°	315.9	316.3	316.7	317.0	317.4	317.7	320.5	321.4	322.1	323.0	324.0
125°	288.0	288.0	287.9	287.9	287.5	287.4	290.1	290.3	289.9	289.3	288.9
127.5°	270.6	270.2	269.7	269.3	268.5	268.1	270.4	270.4	269.0	267.5	265.9
130°	259.0	258.6	258.1	257.8	257.4	257.0	259.7	260.0	257.9	255.5	253.3
132.5°	252.8	252.4	251.9	251.8	251.3	250.9	253.9	254.2	252.0	249.4	247.0
135°	248.0	247.9	247.5	247.2	246.8	246.8	250.0	250.5	248.2	245.8	243.5
137.5°	244.5	244.4	244.1	243.9	243.5	243.4	247.2	247.8	245.9	243.7	241.9
140°	242.3	242.1	241.9	241.9	241.6	241.8	245.8	246.6	245.2	243.3	241.6
142.5°	239.5	239.6	239.7	240.0	240.0	240.3	244.9	246.0	244.8	243.3	242.2
145°	238.7	239.1	239.3	239.5	239.8	240.3	245.4	246.9	246.0	245.0	244.0
147.5°	238.3	238.5	238.6	239.0	239.3	239.9	245.4	246.9	246.3	245.5	244.8
150°	237.5	237.8	238.0	238.4	238.9	239.5	245.8	247.7	247.1	246.5	245.8
152.5°	235.8	236.0	236.2	236.6	236.9	237.5	245.3	247.4	247.0	246.3	245.9
155°	236.0	236.1	236.1	236.3	236.5	237.0	245.6	247.8	247.4	247.1	246.6
157.5°	237.9	237.7	237.6	237.6	237.8	237.9	247.2	249.6	249.1	248.8	248.4
160°	240.1	240.1	239.8	239.8	239.7	239.7	249.3	251.7	251.4	251.0	250.6
162.5°	242.9	243.1	242.9	243.0	242.9	243.1	252.7	255.3	254.8	254.3	253.9
165°	247.1	246.9	246.7	246.7	246.6	246.7	255.7	257.9	257.7	257.2	256.9
167.5°	251.3	251.4	251.2	251.3	251.1	251.4	259.8	261.9	261.7	261.2	260.9
170°	255.9	255.9	255.9	255.9	256.0	256.2	263.2	265.0	264.8	264.3	263.9
172.5°	259.8	260.0	260.2	260.2	260.3	260.6	266.5	268.2	267.9	267.6	267.2
175°	262.4	262.3	262.5	262.7	262.8	262.9	267.6	268.9	268.7	268.5	268.3
177.5°	265.6	265.6	265.7	265.8	266.0	266.2	269.1	269.8	269.7	269.7	269.6
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32472.6	32484.0	32485.6	32499.0	32497.9	32513.7	32511.2	32524.3	32516.6	32527.3	32518.4
5°	33235.3	33304.4	33340.6	33408.1	33429.4	33489.9	33506.9	33562.0	33564.3	33608.0	33598.1
7.5°	34313.5	34415.5	34476.0	34559.5	34601.7	34671.3	34701.9	34753.3	34769.9	34810.7	34813.8
10°	34957.5	35007.0	35041.5	35064.8	35086.1	35096.1	35107.7	35104.6	35107.7	35103.1	35113.1
12.5°	34704.2	34631.9	34584.1	34493.5	34441.1	34341.1	34292.0	34195.7	34160.8	34078.2	34066.3
15°	33421.5	33169.6	32991.6	32732.7	32569.9	32315.3	32166.3	31936.5	31831.5	31648.9	31601.0
17.5°	31083.6	30616.0	30254.1	29789.8	29467.6	29033.7	28760.8	28401.6	28205.0	27915.3	27815.1
20°	27806.0	27114.0	26571.1	25924.5	25461.6	24885.0	24515.8	24050.2	23779.9	23424.2	23280.0
22.5°	23958.0	23096.4	22418.4	21654.5	21096.0	20453.4	20011.1	19507.4	19213.3	18826.8	18655.7
25°	19991.8	19041.8	18288.0	17483.0	16893.0	16248.8	15806.5	15311.5	15007.3	14640.4	14470.3
27.5°	16198.5	15236.8	14508.3	13760.0	13218.7	12637.5	12238.3	11806.2	11536.1	11223.0	11063.0
30°	12851.0	12002.8	11382.9	10761.8	10311.6	9839.6	9507.8	9149.8	8912.8	8644.7	8492.2
32.5°	10123.8	9469.0	8983.5	8490.7	8122.2	7727.7	7441.1	7125.2	6911.3	6671.9	6533.8
35°	8017.9	7509.1	7121.9	6716.3	6399.7	6063.7	5811.1	5538.4	5346.5	5140.3	5021.2
37.5°	6335.0	5930.4	5611.8	5274.8	5014.8	4736.5	4642.7	4329.7	4130.9	3966.3	3852.4
40°	4971.7	4650.0	4386.4	4128.7	3916.6	3705.5	3536.0	3368.9	3240.5	3122.8	3041.4
42.5°	3882.5	3649.4	3456.9	3268.1	3113.4	2959.6	2836.9	2721.7	2635.2	2558.3	2505.8
45°	3086.4	2926.1	2792.3	2659.4	2550.2	2447.5	2364.9	2291.5	2235.6	2189.3	2156.6
47.5°	2535.5	2425.8	2331.4	2241.7	2167.6	2100.3	2045.0	2027.0	1966.9	1926.5	1911.1
50°	2154.9	2088.6	2016.9	1950.7	1901.3	1852.0	1816.1	1780.9	1758.5	1739.9	1734.2
52.5°	1870.8	1820.1	1780.2	1738.3	1705.6	1670.5	1645.8	1622.4	1610.0	1600.3	1599.1
55°	1659.5	1624.1	1597.7	1569.6	1550.0	1529.4	1516.7	1504.2	1498.8	1493.9	1494.3
57.5°	1499.7	1476.0	1458.8	1440.6	1430.0	1420.2	1417.0	1413.8	1415.5	1416.2	1418.9
60°	1383.1	1367.8	1357.0	1346.5	1342.1	1339.0	1341.4	1344.2	1349.8	1354.3	1358.5
62.5°	1294.0	1285.2	1279.9	1274.3	1273.8	1274.0	1278.8	1283.5	1290.6	1295.9	1299.9
65°	1202.1	1197.1	1195.4	1191.7	1193.5	1194.6	1200.4	1204.1	1211.1	1215.3	1220.4
67.5°	1109.3	1108.1	1109.2	1109.2	1112.4	1115.1	1120.7	1124.8	1130.7	1134.6	1138.7
70°	1040.7	1041.2	1043.7	1044.2	1047.6	1049.6	1054.4	1057.1	1062.4	1065.7	1070.6
72.5°	974.0	972.9	973.6	972.0	973.2	972.8	975.4	976.7	981.3	983.7	989.8
75°	903.1	900.1	899.4	896.1	896.3	893.9	895.0	894.9	897.9	899.1	903.4
77.5°	817.3	812.3	809.9	804.5	804.4	802.3	804.5	805.8	811.1	813.6	818.5
80°	714.7	706.8	703.2	697.0	698.1	697.7	703.0	706.9	713.5	714.6	720.9
82.5°	594.1	586.0	582.2	576.1	577.5	577.6	582.4	583.3	588.9	591.3	598.5
85°	425.3	428.5	420.0	420.5	418.7	422.1	425.3	429.4	434.1	441.9	447.9
87.5°	250.5	249.4	252.4	252.8	257.1	259.4	266.4	270.4	278.2	284.2	295.3
90°	115.1	111.0	113.3	111.8	115.9	114.7	118.4	116.4	120.8	121.3	127.2
92.5°	39.0	37.1	34.3	32.3	29.7	27.9	26.3	25.6	24.1	23.6	22.0
95°	52.3	48.9	45.5	42.1	38.7	35.3	34.0	32.7	31.5	30.3	29.0
97.5°	60.8	57.2	53.5	49.7	46.0	42.3	41.5	40.7	39.8	39.0	38.2
100°	86.7	79.6	72.5	65.3	58.3	51.2	50.6	49.8	49.2	48.6	47.9
102.5°	173.1	156.6	140.4	124.1	107.9	91.5	88.7	85.9	83.0	80.2	77.4
105°	315.5	289.3	263.3	237.2	211.3	185.1	177.4	169.4	161.7	153.9	146.2
107.5°	450.4	424.8	399.4	373.9	348.5	323.1	310.7	298.5	286.0	273.8	261.6
110°	518.3	502.9	487.7	472.1	456.9	441.6	429.7	418.1	406.1	394.4	382.7



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	526.7	518.9	510.8	503.1	495.4	487.5	481.8	475.9	470.2	464.4	458.5
115°	491.1	488.4	485.7	483.1	480.4	477.7	477.1	476.7	476.0	475.6	475.1
117.5°	431.8	432.0	431.9	432.0	432.2	432.4	435.2	437.8	440.8	443.8	446.8
120°	373.1	374.8	376.3	377.9	379.6	381.4	385.0	388.9	392.6	396.7	400.8
122.5°	324.7	325.6	326.4	327.5	328.4	329.4	332.9	336.7	340.3	344.2	348.2
125°	288.2	287.6	287.1	286.5	285.9	285.6	288.3	291.2	294.1	297.4	300.4
127.5°	264.4	262.7	261.1	259.6	257.9	256.6	257.9	259.4	260.8	262.4	264.1
130°	251.0	248.8	246.2	244.2	241.6	239.5	239.6	239.9	240.1	240.4	240.9
132.5°	244.3	241.9	239.3	236.6	234.0	231.6	230.8	230.1	229.4	229.0	228.6
135°	240.9	238.7	236.0	233.6	231.0	228.7	227.5	226.3	225.3	224.3	223.5
137.5°	239.8	237.7	235.6	233.7	231.4	229.4	227.9	226.7	225.3	224.5	223.2
140°	239.8	238.2	236.3	234.6	232.7	231.1	229.8	228.8	227.6	226.7	225.6
142.5°	240.5	239.3	237.7	236.5	234.9	233.7	232.4	231.4	230.2	229.3	228.4
145°	242.9	242.0	240.9	239.7	238.7	237.7	236.6	235.7	234.8	234.0	233.3
147.5°	244.0	243.3	242.5	241.7	240.7	239.9	239.1	238.6	237.6	237.2	236.5
150°	245.0	244.4	243.6	243.0	242.1	241.4	240.8	240.3	239.6	239.4	238.6
152.5°	245.1	244.5	243.9	243.3	242.4	241.8	241.3	240.9	240.4	240.0	239.3
155°	246.1	245.5	245.0	244.4	243.7	243.3	242.8	242.2	241.7	241.3	240.6
157.5°	248.0	247.4	246.9	246.5	245.8	245.3	244.8	244.3	243.7	243.3	242.8
160°	250.1	249.8	249.1	248.7	248.2	247.7	247.1	246.6	245.9	245.4	244.8
162.5°	253.2	252.8	252.3	251.8	251.1	250.6	250.1	249.5	249.1	248.6	248.0
165°	256.4	255.9	255.4	255.0	254.6	254.1	253.4	253.0	252.2	251.8	251.1
167.5°	260.5	260.1	259.7	259.3	258.7	258.2	257.8	257.2	256.6	256.0	255.4
170°	263.6	263.1	262.7	262.2	261.7	261.2	260.8	260.2	259.6	259.3	258.7
172.5°	266.8	266.7	266.3	265.9	265.4	265.0	264.7	264.3	263.8	263.4	263.1
175°	268.2	268.0	267.9	267.5	267.5	267.2	266.9	266.8	266.6	266.5	266.1
177.5°	269.6	269.5	269.5	269.3	269.1	269.1	268.9	268.8	268.6	268.4	268.3
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32527.7	32519.5	32523.3	32508.1	32511.7	32493.3	32491.6	32470.9	32468.9	32449.3	32442.0
5°	33629.1	33610.9	33631.3	33599.5	33605.8	33564.3	33560.8	33507.3	33488.8	33421.8	33392.8
7.5°	34839.4	34832.6	34845.1	34818.4	34817.5	34780.6	34765.3	34717.3	34687.5	34617.1	34572.2
10°	35104.6	35110.8	35100.6	35103.1	35088.7	35084.7	35070.0	35060.6	35036.5	35018.2	34991.4
12.5°	34003.5	34010.1	33968.0	33994.7	33973.7	34022.8	34018.9	34076.7	34085.6	34158.9	34186.6
15°	31458.7	31450.7	31370.1	31421.0	31393.7	31501.6	31525.7	31670.8	31748.3	31934.6	32049.0
17.5°	27614.3	27593.6	27480.1	27541.9	27510.4	27669.5	27722.8	27954.8	28099.6	28399.6	28613.5
20°	23031.7	22991.9	22859.2	22931.6	22899.1	23079.8	23155.9	23436.3	23622.9	24020.4	24303.2
22.5°	18392.2	18329.4	18199.4	18267.0	18236.3	18423.4	18522.5	18803.9	19017.6	19425.7	19755.8
25°	14225.9	14170.0	14044.2	14091.5	14080.1	14238.4	14326.5	14592.7	14802.7	15191.4	15506.6
27.5°	10850.5	10792.2	10678.6	10712.1	10700.6	10835.4	10918.5	11140.9	11321.6	11648.8	11925.5
30°	8304.4	8234.2	8137.8	8156.3	8148.4	8257.7	8335.3	8522.5	8677.5	8954.0	9192.4
32.5°	6365.3	6294.7	6206.3	6214.9	6203.2	6288.9	6352.8	6515.7	6650.6	6885.8	7093.3
35°	4870.3	4952.8	4763.8	4883.6	4759.0	4941.9	4876.1	4977.8	5093.9	5292.1	5465.2
37.5°	3744.1	3686.6	3638.0	3632.8	3632.6	3675.0	3725.0	3823.1	3925.4	4073.0	4225.5
40°	2967.0	2926.7	2895.3	2892.9	2895.3	2925.4	2962.3	3030.1	3105.0	3211.0	3323.1
42.5°	2460.9	2434.1	2415.1	2413.8	2419.8	2441.2	2466.8	2507.1	2555.8	2624.5	2701.4
45°	2129.9	2115.0	2104.4	2103.9	2106.6	2117.8	2132.6	2157.6	2188.5	2231.4	2280.1
47.5°	1897.7	1894.0	1887.4	1887.7	1884.7	1889.2	1891.0	1905.0	1921.4	1953.8	2017.3
50°	1728.6	1728.6	1724.0	1723.7	1719.4	1719.2	1715.6	1721.1	1728.8	1748.9	1769.2
52.5°	1594.9	1594.4	1589.5	1588.5	1584.0	1583.7	1580.6	1582.8	1583.9	1594.0	1606.1
55°	1490.5	1487.3	1480.9	1478.8	1477.0	1479.6	1478.4	1478.6	1477.2	1481.4	1485.0
57.5°	1415.5	1411.4	1405.3	1403.5	1403.0	1406.2	1406.3	1405.2	1399.6	1395.7	1390.3
60°	1356.1	1352.1	1345.4	1343.8	1344.7	1349.1	1348.9	1345.3	1336.8	1329.5	1321.0
62.5°	1298.0	1296.2	1292.9	1292.4	1291.5	1292.2	1289.3	1285.4	1277.1	1269.3	1260.1
65°	1219.7	1220.6	1218.1	1218.5	1215.4	1214.9	1210.4	1206.7	1198.3	1191.2	1181.7
67.5°	1138.5	1139.2	1137.2	1137.2	1135.5	1135.8	1133.0	1129.6	1122.5	1116.7	1109.3
70°	1071.6	1073.4	1072.2	1072.5	1070.6	1069.9	1065.6	1062.2	1054.9	1050.1	1043.5
72.5°	991.6	995.1	995.1	995.9	993.1	991.6	986.4	982.2	975.6	971.8	966.5
75°	905.2	909.8	911.1	913.1	909.0	906.9	901.3	897.9	892.5	890.2	886.8
77.5°	820.7	825.8	830.7	835.4	828.7	822.9	815.8	810.3	802.6	799.7	794.3
80°	726.0	735.0	746.0	755.2	743.2	731.2	719.5	710.9	700.7	696.5	689.8
82.5°	602.3	611.6	617.8	623.7	615.5	606.7	595.4	587.8	576.8	572.7	564.9
85°	457.5	469.2	472.9	476.0	470.7	466.0	455.5	441.2	434.2	423.3	417.6
87.5°	300.9	307.9	309.2	310.3	307.1	304.8	297.9	291.2	279.3	270.7	260.1
90°	126.3	130.3	127.2	128.3	124.7	125.8	119.5	117.7	108.6	105.5	97.3
92.5°	21.2	19.8	18.8	17.6	19.3	19.8	21.5	22.0	23.4	24.1	25.6
95°	27.7	26.6	25.3	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0
97.5°	37.3	36.4	35.6	34.8	35.3	36.0	36.5	37.2	37.7	38.3	39.1
100°	47.2	46.6	45.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
102.5°	74.6	71.7	68.9	66.1	68.0	69.9	71.8	73.7	75.7	77.6	79.6
105°	138.4	130.7	122.9	115.2	122.7	130.1	137.7	145.2	152.6	160.3	167.9
107.5°	249.1	236.9	224.7	212.4	226.3	239.9	253.6	267.2	280.9	294.5	308.3
110°	371.1	359.5	347.8	336.2	350.7	365.2	379.7	394.2	408.7	423.2	437.9



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	452.8	447.2	441.5	435.9	445.2	454.5	463.9	473.5	482.7	492.1	501.5
115°	474.6	474.3	474.0	473.6	478.1	482.5	486.9	491.4	496.0	500.5	505.0
117.5°	449.8	452.8	456.0	459.1	460.6	462.0	463.6	464.9	466.6	468.0	469.8
120°	404.9	408.7	412.9	417.2	416.6	416.0	415.6	415.1	414.8	414.4	414.3
122.5°	352.2	356.2	360.4	364.6	363.3	362.1	361.0	359.9	359.0	357.9	357.1
125°	303.8	307.0	310.5	314.0	312.7	311.4	310.3	309.4	308.4	307.3	306.8
127.5°	266.1	268.1	270.0	272.1	271.5	270.9	270.7	270.3	270.0	269.9	269.9
130°	241.4	242.2	243.2	243.9	244.1	244.3	244.7	245.2	245.8	246.3	247.2
132.5°	228.6	228.4	228.4	228.4	229.0	229.8	230.8	231.7	232.9	234.0	235.6
135°	223.0	222.3	222.0	221.6	222.6	223.5	224.7	225.9	227.5	229.1	230.8
137.5°	222.5	221.7	221.1	220.4	221.4	222.4	223.7	224.9	226.5	228.0	229.9
140°	224.9	224.1	223.8	223.0	224.0	225.0	226.2	227.4	228.9	230.5	232.2
142.5°	227.8	226.9	226.4	225.9	226.7	227.6	228.8	229.8	231.3	232.6	234.2
145°	232.7	231.9	231.7	231.2	231.7	232.4	233.2	234.0	235.1	236.0	237.4
147.5°	236.0	235.5	235.3	234.9	235.5	235.7	236.5	236.9	237.8	238.5	239.5
150°	238.5	238.0	237.7	237.5	237.8	238.0	238.5	238.7	239.2	239.7	240.5
152.5°	239.1	238.6	238.5	238.3	238.5	238.5	238.9	239.2	239.5	239.9	240.6
155°	240.4	240.0	239.6	239.3	239.3	239.2	239.4	239.3	239.5	239.5	239.9
157.5°	242.5	242.1	241.8	241.4	241.2	240.9	240.9	240.7	240.7	240.4	240.5
160°	244.5	243.8	243.3	242.9	242.9	242.5	242.5	242.3	242.3	242.3	242.2
162.5°	247.6	247.2	246.8	246.3	246.1	245.6	245.3	244.9	244.6	244.3	244.3
165°	250.5	250.0	249.5	248.9	248.7	248.4	248.2	247.9	247.7	247.4	247.4
167.5°	255.1	254.4	254.0	253.4	253.0	252.5	252.3	251.9	251.6	251.2	251.1
170°	258.3	257.8	257.4	256.9	256.8	256.4	256.3	255.9	255.8	255.7	255.7
172.5°	262.7	262.3	262.0	261.7	261.5	261.2	261.1	260.9	260.8	260.8	260.6
175°	266.0	265.7	265.6	265.4	265.2	265.1	264.9	264.8	264.7	264.5	264.4
177.5°	268.0	267.7	267.6	267.5	267.5	267.5	267.5	267.5	267.5	267.4	267.2
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32420.9	32412.4	32389.9	32378.9	32358.1	32347.7	32331.5	32321.1	32307.9	32298.2	32293.1
5°	33319.2	33277.8	33194.7	33143.5	33053.8	32994.7	32905.6	32840.3	32748.3	32680.4	32593.5
7.5°	34487.9	34424.3	34317.9	34237.1	34111.7	34015.7	33874.9	33762.2	33606.6	33477.4	33318.4
10°	34963.7	34926.6	34878.8	34827.0	34757.4	34689.2	34593.0	34495.0	34364.4	34234.4	34064.6
12.5°	34260.5	34295.4	34364.4	34396.5	34449.2	34467.2	34491.3	34480.0	34458.6	34405.5	34328.6
15°	32268.8	32414.7	32645.2	32804.8	33028.3	33185.1	33392.8	33526.5	33680.5	33772.5	33859.8
17.5°	28992.5	29274.7	29681.6	30006.2	30442.0	30796.2	31230.4	31571.4	31965.2	32267.3	32589.0
20°	24796.1	25191.3	25753.0	26230.0	26861.4	27396.9	28082.8	28657.5	29327.8	29886.6	30489.6
22.5°	20279.7	20744.5	21388.1	21963.4	22717.5	23390.9	24250.4	25010.2	25916.4	26728.2	27626.3
25°	16018.8	16474.5	17130.1	17725.8	18539.8	19281.7	20220.7	21092.3	22143.9	23124.5	24250.4
27.5°	12365.0	12769.7	13346.1	13882.2	14627.8	15356.1	16309.0	17238.5	18360.6	19414.5	20627.8
30°	9549.3	9877.6	10339.3	10770.7	11369.3	11964.9	12813.7	13673.2	14789.8	15882.0	17125.8
32.5°	7400.4	7680.3	8065.8	8416.0	8877.1	9326.3	9951.3	10638.2	11617.7	12663.8	13866.5
35°	5728.7	5968.2	6296.3	6598.0	6977.2	7333.7	7800.1	8290.5	9037.9	9917.9	10994.2
37.5°	4567.3	4664.9	4899.1	5146.2	5461.2	5754.2	6119.1	6481.6	7016.3	7710.6	8589.9
40°	3473.3	3628.4	3819.0	4013.6	4252.1	4487.1	4887.4	5080.2	5432.3	5930.7	6613.1
42.5°	2802.6	2911.6	3045.7	3181.0	3347.3	3510.9	3713.4	3919.6	4182.8	4520.4	5005.8
45°	2345.2	2416.4	2502.8	2593.0	2702.1	2813.8	2949.4	3090.9	3269.3	3476.9	3771.7
47.5°	2039.7	2079.0	2135.4	2197.0	2271.9	2349.2	2437.3	2527.5	2638.3	2761.5	2929.3
50°	1801.2	1834.0	1877.8	1919.1	1970.6	2049.9	2084.9	2134.7	2201.4	2273.8	2367.7
52.5°	1628.7	1650.5	1678.0	1701.6	1734.4	1764.0	1802.9	1837.2	1883.4	1926.9	1987.5
55°	1494.3	1502.2	1517.8	1533.1	1555.6	1575.9	1602.6	1625.0	1654.5	1680.5	1718.8
57.5°	1390.5	1391.2	1398.5	1406.4	1420.9	1433.6	1452.0	1466.8	1487.2	1503.8	1526.7
60°	1315.9	1312.0	1313.5	1316.2	1324.3	1332.7	1344.4	1354.0	1366.8	1376.3	1389.0
62.5°	1253.8	1247.7	1246.2	1245.5	1249.6	1252.5	1258.9	1263.6	1270.9	1275.0	1281.8
65°	1175.4	1168.1	1165.3	1161.8	1163.1	1162.1	1164.5	1164.6	1168.3	1169.2	1173.2
67.5°	1104.4	1098.2	1094.5	1090.0	1087.9	1084.6	1083.2	1080.1	1079.6	1077.0	1076.4
70°	1039.5	1033.5	1030.4	1026.1	1024.0	1019.7	1017.1	1011.7	1008.7	1003.7	1000.9
72.5°	964.4	961.1	960.1	957.3	956.5	954.1	953.0	949.3	947.1	942.9	940.5
75°	886.0	883.2	883.0	880.1	879.9	877.1	876.3	872.3	870.3	866.1	864.3
77.5°	792.6	788.5	787.3	784.0	784.8	783.3	784.5	781.5	780.3	776.0	774.7
80°	687.4	682.1	679.9	675.5	676.7	674.7	676.7	676.5	678.0	674.7	674.0
82.5°	562.7	556.9	555.9	552.8	554.9	555.0	559.5	557.1	558.0	554.9	556.2
85°	409.5	405.2	399.1	398.3	394.5	398.4	393.3	396.8	391.2	395.1	389.8
87.5°	253.9	245.0	240.3	233.9	231.6	225.4	222.9	218.4	219.8	217.7	218.9
90°	96.0	88.8	87.7	82.0	82.1	77.3	78.5	75.2	77.1	73.7	75.9
92.5°	26.3	27.4	29.3	31.6	33.4	35.3	37.3	39.6	41.3	43.6	45.3
95°	32.0	33.0	35.6	38.3	41.0	43.6	46.5	49.1	51.8	54.5	57.1
97.5°	39.7	40.2	42.9	45.6	48.2	50.9	53.6	56.5	59.1	61.8	64.4
100°	45.2	45.3	52.9	60.5	68.1	75.8	83.4	90.9	98.7	106.2	113.8
102.5°	81.5	83.4	102.5	121.7	140.9	160.1	179.4	198.6	217.8	237.1	256.4
105°	175.3	183.0	212.2	241.5	270.7	300.1	329.5	358.9	388.3	417.6	446.9
107.5°	321.9	335.8	362.3	388.7	415.2	441.8	468.5	494.9	521.5	548.1	574.9
110°	452.4	467.0	484.8	502.7	520.6	538.4	556.2	574.1	592.1	610.0	628.1



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	510.9	520.5	530.8	541.4	552.0	562.6	573.1	583.7	594.4	605.1	615.7
115°	509.7	514.4	518.4	522.8	526.9	531.3	535.6	540.2	544.6	549.1	553.5
117.5°	471.2	473.2	473.9	474.9	475.8	477.0	478.0	479.2	480.4	481.6	482.6
120°	413.9	413.7	413.4	413.2	412.7	412.7	412.6	412.5	412.4	412.5	412.4
122.5°	356.2	355.6	355.2	355.1	354.9	354.9	355.0	355.2	355.2	355.3	355.4
125°	306.0	305.4	306.5	307.6	308.9	310.1	311.3	312.9	314.1	315.5	316.9
127.5°	269.8	270.1	272.2	274.4	276.5	278.9	281.2	283.8	285.9	288.5	290.7
130°	248.1	249.1	251.5	254.5	257.0	259.9	262.8	265.8	268.5	271.4	274.1
132.5°	236.9	238.6	241.1	243.9	246.5	249.3	252.1	255.0	257.7	260.6	263.1
135°	232.7	234.6	237.1	239.6	242.2	244.9	247.3	250.1	252.5	255.2	257.7
137.5°	231.7	233.6	235.7	237.9	240.0	242.4	244.4	246.7	248.8	251.1	253.1
140°	233.9	235.9	237.3	238.9	240.4	242.0	243.3	245.0	246.4	248.1	249.4
142.5°	235.7	237.6	238.5	239.7	240.7	242.2	243.3	244.5	245.4	246.5	247.5
145°	238.5	240.0	240.4	241.1	241.7	242.4	242.8	243.4	243.9	244.4	244.8
147.5°	240.4	241.6	241.7	242.1	242.5	242.7	243.1	243.4	243.6	243.9	244.2
150°	241.0	241.9	241.7	242.1	242.0	242.1	242.1	242.2	242.1	242.3	242.2
152.5°	241.1	241.6	241.3	241.5	241.3	241.2	241.0	241.0	240.7	240.7	240.7
155°	239.9	240.3	240.1	240.0	239.8	239.7	239.6	239.8	239.8	239.7	239.8
157.5°	240.5	240.5	240.4	240.4	240.1	240.2	240.2	240.2	240.2	240.4	240.6
160°	242.0	242.1	241.9	241.8	241.7	241.6	241.6	241.7	241.8	242.2	242.4
162.5°	243.9	243.8	243.5	243.4	243.3	243.4	243.5	243.8	243.8	244.1	244.3
165°	247.4	247.5	247.1	247.2	247.0	246.9	246.9	247.0	247.2	247.3	247.5
167.5°	251.0	250.9	250.9	251.0	251.0	251.1	251.2	251.7	251.9	252.3	252.4
170°	255.6	255.7	255.5	255.5	255.4	255.4	255.5	255.5	255.7	255.8	255.9
172.5°	260.6	260.6	260.4	260.2	260.0	260.0	259.9	259.9	259.8	259.8	259.6
175°	264.2	264.1	264.0	263.9	263.8	263.7	263.7	263.3	263.2	263.1	263.0
177.5°	267.1	266.8	266.7	266.7	266.6	266.5	266.5	266.4	266.4	266.4	266.1
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32286.7	32286.3	32283.2	32284.6	32285.3	32287.5	32290.2	32293.1	32293.8	32296.0	32296.5
5°	32528.3	32448.4	32389.4	32324.4	32275.5	32231.5	32202.2	32178.9	32170.0	32172.2	32177.7
7.5°	33183.5	33018.7	32882.5	32727.9	32598.9	32462.4	32349.2	32241.5	32163.1	32104.6	32072.0
10°	33902.5	33701.7	33509.5	33285.7	33073.4	32846.7	32641.5	32434.9	32262.5	32112.9	32003.0
12.5°	34221.5	34079.6	33913.6	33702.3	33475.1	33213.6	32949.6	32666.5	32403.3	32158.9	31961.8
15°	33883.7	33884.0	33823.5	33722.1	33564.3	33355.4	33103.8	32808.7	32498.2	32181.2	31891.7
17.5°	32811.4	33013.7	33126.2	33197.5	33175.5	33098.6	32938.5	32711.9	32422.4	32084.8	31731.5
20°	30969.8	31447.0	31787.2	32093.2	32264.7	32378.7	32367.3	32275.0	32068.8	31781.8	31413.8
22.5°	28390.0	29191.0	29823.0	30412.4	30825.8	31162.0	31321.9	31389.7	31296.3	31096.3	30750.8
25°	25256.7	26345.7	27275.1	28177.0	28853.7	29435.1	29784.6	30030.8	30050.3	29945.9	29637.6
27.5°	21774.9	23060.5	24236.7	25435.4	26387.0	27222.9	27771.3	28172.8	28300.3	28283.5	28003.6
30°	18297.6	19647.1	20943.7	22341.6	23519.0	24586.9	25311.4	25854.3	26063.5	26103.6	25834.4
32.5°	15013.6	16344.5	17637.4	19098.8	20394.5	21618.4	22474.4	23119.3	23362.5	23419.9	23124.5
35°	12033.2	13261.0	14489.8	15906.1	17194.3	18461.7	19363.7	20038.8	20266.1	20304.4	19962.4
37.5°	9448.7	10494.7	11565.5	12836.2	14019.3	15209.6	16066.5	16701.1	16866.6	16856.4	16469.5
40°	7272.5	8085.7	8946.1	992.3	10975.8	11982.0	12705.7	13230.2	13317.2	13252.8	12846.3
42.5°	5468.5	6055.9	6679.6	7460.5	8190.3	8943.4	9469.9	9859.3	9871.7	9769.9	9405.1
45°	4074.0	4647.1	4908.7	5380.9	5850.9	6351.6	6673.1	6913.7	6876.4	6786.9	6509.6
47.5°	3105.7	3326.0	3559.6	3852.4	4126.2	4694.4	4652.3	5038.6	4760.3	4950.1	4532.5
50°	2466.3	2589.4	2715.2	2870.6	3013.6	3162.2	3255.0	3324.3	3315.4	3285.5	3205.5
52.5°	2098.2	2136.3	2198.2	2286.7	2366.5	2446.8	2499.7	2542.6	2543.5	2531.5	2491.0
55°	1753.7	1802.0	1846.5	1904.3	2002.6	2017.8	2093.5	2078.1	2084.2	2063.2	2084.6
57.5°	1546.2	1574.3	1599.3	1633.7	1662.1	1695.3	1714.9	1733.7	1731.9	1727.8	1707.2
60°	1399.2	1414.7	1428.6	1448.7	1464.3	1483.0	1492.0	1501.6	1498.4	1491.5	1473.1
62.5°	1285.8	1295.5	1303.5	1316.4	1325.9	1337.6	1342.3	1346.4	1342.3	1335.7	1319.4
65°	1174.0	1180.2	1185.3	1195.0	1201.7	1211.7	1215.7	1219.5	1215.7	1210.6	1198.3
67.5°	1073.1	1073.7	1073.3	1077.2	1079.3	1085.2	1087.1	1089.8	1085.5	1081.1	1070.6
70°	996.6	995.1	993.2	994.7	995.1	998.0	998.4	998.0	992.8	985.1	973.7
72.5°	936.8	936.0	934.5	935.9	935.9	938.5	937.7	936.3	930.0	922.6	911.2
75°	859.9	859.4	856.5	856.6	854.2	855.0	851.9	850.1	843.1	836.8	826.7
77.5°	770.0	768.6	764.4	762.8	758.2	756.3	750.4	747.5	740.4	735.3	726.7
80°	669.6	668.1	662.6	659.6	652.5	647.8	639.2	634.3	626.0	621.1	612.7
82.5°	553.5	554.1	548.7	545.0	534.6	526.7	515.2	508.9	499.8	495.0	486.3
85°	393.6	388.0	391.0	390.8	384.3	377.5	368.1	361.4	353.7	349.2	343.1
87.5°	215.9	217.2	215.7	214.3	209.8	206.3	199.0	195.1	189.5	186.7	182.2
90°	69.7	69.1	63.2	62.7	57.0	54.6	47.9	46.3	40.2	39.2	34.9
92.5°	43.1	40.8	38.9	36.3	34.3	32.1	29.9	27.6	25.4	24.4	23.9
95°	53.8	50.7	47.5	44.2	41.0	37.7	34.6	31.4	28.1	27.5	26.7
97.5°	60.8	57.0	53.1	49.4	45.6	41.8	38.0	34.2	30.4	29.9	29.5
100°	105.2	96.4	87.6	78.9	70.1	61.3	52.7	43.8	35.1	34.5	34.1
102.5°	235.0	213.7	192.4	171.2	150.0	128.6	107.4	86.0	64.7	61.6	58.5
105°	414.7	382.4	350.4	318.1	285.9	253.6	221.5	189.1	156.8	146.5	136.0
107.5°	544.7	514.3	484.2	454.0	423.6	393.5	363.1	332.8	302.4	284.2	266.1
110°	604.2	580.2	556.4	532.4	508.5	484.6	460.6	436.6	412.7	396.9	381.5



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	598.3	580.9	563.6	546.2	528.8	511.3	493.9	476.4	458.7	449.4	440.0
115°	543.3	532.9	522.8	512.3	502.0	491.7	481.4	470.7	460.3	455.5	450.7
117.5°	477.8	472.7	467.8	462.8	457.7	452.4	447.5	442.2	437.1	435.7	434.1
120°	411.5	410.3	409.0	407.8	406.6	405.4	404.1	402.8	401.3	402.0	402.6
122.5°	356.6	357.7	359.1	360.1	361.3	362.3	363.6	364.3	365.4	367.2	369.1
125°	319.2	321.3	323.5	325.6	327.6	329.8	331.9	333.8	336.0	337.7	339.8
127.5°	293.4	295.6	298.1	300.4	302.8	305.1	307.5	309.6	312.0	313.8	315.8
130°	276.4	278.5	280.8	282.8	285.0	287.2	289.2	291.4	293.5	295.1	296.8
132.5°	265.2	267.3	269.4	271.2	273.3	275.3	277.2	279.2	281.4	282.8	284.2
135°	259.5	261.0	262.7	264.2	266.2	267.6	269.4	271.2	273.0	274.2	275.4
137.5°	254.6	255.9	257.6	258.8	260.5	261.7	263.5	264.9	266.7	267.5	268.8
140°	250.8	252.3	253.7	255.0	256.7	258.0	259.8	261.4	263.1	264.0	265.2
142.5°	248.9	249.8	251.1	252.1	253.6	254.7	256.2	257.7	259.2	260.2	261.2
145°	246.1	247.3	248.6	249.8	251.1	252.6	254.2	255.8	257.4	258.2	259.1
147.5°	245.1	246.1	247.2	248.4	249.6	250.7	252.2	253.7	255.1	255.9	256.9
150°	243.3	244.3	245.3	246.4	247.7	249.1	250.4	251.9	253.6	254.5	255.4
152.5°	241.7	242.8	243.9	245.2	246.4	247.8	249.3	250.9	252.5	253.2	254.2
155°	240.9	241.9	243.1	244.4	245.8	247.0	248.4	249.9	251.4	252.3	253.1
157.5°	241.6	242.5	243.7	244.9	246.1	247.2	248.7	249.9	251.3	252.1	252.7
160°	243.3	244.2	245.3	246.3	247.5	248.5	249.8	250.9	252.1	252.9	253.6
162.5°	245.4	246.3	247.5	248.2	249.5	250.6	251.9	252.8	254.0	254.7	255.4
165°	248.3	249.1	250.1	250.8	251.7	252.4	253.5	254.2	255.3	255.8	256.6
167.5°	253.3	253.8	254.3	255.0	255.9	256.5	257.3	257.9	258.8	259.4	259.9
170°	256.4	256.9	257.4	258.0	258.7	259.3	259.8	260.3	261.2	261.7	262.2
172.5°	259.9	260.1	260.7	260.9	261.3	261.6	262.1	262.6	263.0	263.6	263.9
175°	263.4	263.5	263.7	263.7	263.8	264.1	264.4	264.7	264.9	265.3	265.6
177.5°	266.2	266.3	266.4	266.5	266.8	266.9	267.1	267.2	267.5	267.7	268.0
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32295.4	32295.0	32294.0	32292.6	32291.1	32292.0	32293.4	32297.1	32303.6	32313.0	32325.2
5°	32182.1	32188.6	32192.4	32192.9	32189.5	32187.5	32190.6	32199.5	32217.4	32247.4	32288.0
7.5°	32063.2	32071.4	32083.9	32093.2	32095.0	32092.8	32093.2	32107.2	32140.2	32198.6	32280.6
10°	31936.2	31912.1	31924.8	31948.1	31966.6	31970.0	31972.3	31988.7	32037.0	32125.4	32257.2
12.5°	31819.0	31742.6	31727.9	31748.9	31777.0	31786.0	31783.5	31790.6	31847.1	31964.1	32147.8
15°	31664.9	31521.1	31472.0	31477.4	31512.1	31524.6	31515.4	31501.6	31556.7	31699.4	31937.1
17.5°	31415.3	31183.5	31093.3	31089.3	31129.9	31140.7	31118.4	31075.1	31129.4	31307.6	31602.6
20°	31036.0	30693.8	30523.7	30496.7	30540.8	30528.0	30483.4	30418.0	30489.5	30706.1	31057.0
22.5°	30354.0	29920.5	29629.9	29536.3	29589.0	29553.8	29488.9	29405.4	29500.1	29746.3	30137.1
25°	29239.5	28738.6	28340.9	28117.8	28159.8	28096.7	28026.1	27924.9	28037.9	28320.5	28750.7
27.5°	27601.5	27022.9	26530.1	26160.6	26174.2	26091.6	26010.2	25879.3	26020.4	26354.9	26840.0
30°	25423.3	24753.8	24153.6	23651.7	23606.7	23526.6	23443.2	23271.5	23448.0	23848.3	24415.3
32.5°	22688.0	21944.6	21251.1	20616.4	20496.6	20418.5	20344.1	20146.4	20377.6	20844.4	21495.8
35°	19489.0	18697.1	17945.2	17220.3	17021.9	16943.8	16878.8	16689.4	16977.9	17485.9	18189.4
37.5°	15977.7	15168.8	14422.2	13679.0	13398.6	13292.6	13245.4	13121.4	13454.1	13956.6	14663.0
40°	12372.9	11620.9	10951.5	10295.0	9975.5	9813.3	9788.5	9765.9	10087.6	10523.6	11164.7
42.5°	9000.8	8394.1	7878.0	7376.2	7086.6	6865.1	6864.9	6932.1	7221.8	7548.4	8042.8
45°	6226.1	5818.9	5490.1	5154.8	5244.5	4802.7	5062.2	4929.1	5072.2	5282.7	5604.2
47.5°	4279.9	4057.5	3877.0	3689.7	3553.1	3422.7	3434.1	3518.2	3653.0	3777.9	3945.2
50°	3119.3	3006.1	2914.1	2816.8	2748.8	2691.3	2694.7	2731.0	2801.9	2867.7	2955.3
52.5°	2444.2	2381.7	2331.8	2278.0	2242.3	2213.7	2215.2	2232.9	2271.3	2308.9	2359.1
55°	2014.6	2007.1	1942.1	1893.8	1875.5	1856.3	1859.7	1866.7	1892.7	1914.7	1948.0
57.5°	1688.2	1659.0	1639.5	1614.1	1602.5	1589.1	1592.1	1594.7	1612.1	1626.9	1650.8
60°	1457.7	1437.1	1423.3	1406.0	1398.3	1389.8	1391.8	1393.3	1404.4	1414.1	1431.2
62.5°	1304.7	1286.2	1274.1	1260.8	1255.4	1249.6	1251.0	1251.5	1258.4	1265.5	1278.5
65°	1187.2	1172.5	1162.5	1151.0	1145.4	1139.4	1140.0	1140.0	1145.9	1151.0	1160.8
67.5°	1063.0	1052.0	1045.5	1036.4	1032.5	1026.4	1026.3	1024.3	1028.2	1030.2	1036.8
70°	963.3	952.2	943.9	935.2	930.3	924.9	925.1	925.2	929.6	934.3	942.9
72.5°	901.8	891.1	883.8	876.1	871.5	866.9	866.1	865.6	868.8	871.3	877.1
75°	820.2	811.7	807.4	800.2	796.6	791.4	790.6	788.1	789.7	790.2	794.4
77.5°	721.3	713.2	709.7	702.4	699.4	693.5	693.1	690.4	691.6	690.7	694.0
80°	608.5	601.2	599.3	593.3	591.8	586.4	585.6	582.3	583.3	580.8	582.0
82.5°	482.6	475.9	474.5	468.9	468.9	464.0	463.8	458.9	458.9	454.6	447.9
85°	340.0	335.1	333.0	328.5	327.1	323.2	321.1	316.4	314.8	311.8	310.8
87.5°	179.5	176.3	173.6	171.4	167.4	160.3	159.7	154.8	155.2	151.6	151.9
90°	34.3	30.5	30.1	26.6	25.9	23.5	23.0	22.7	23.1	22.9	23.5
92.5°	23.1	22.4	21.7	20.9	20.1	19.4	18.7	19.4	20.1	20.9	21.7
95°	26.1	25.5	24.7	24.1	23.5	22.7	22.1	22.7	23.5	24.3	24.9
97.5°	29.1	28.6	28.3	27.8	27.4	27.0	26.6	27.2	27.6	28.0	28.5
100°	33.5	33.1	32.5	32.1	31.5	31.1	30.5	31.3	31.7	32.3	32.7
102.5°	55.6	52.5	49.4	46.3	43.2	40.2	37.1	40.2	43.2	46.5	49.6
105°	125.7	115.5	105.0	94.6	84.3	73.9	63.4	74.0	84.4	94.7	105.2
107.5°	247.8	229.7	211.4	193.1	174.7	156.5	138.2	156.7	175.0	193.3	211.6
110°	365.6	350.0	334.3	318.6	302.7	287.1	271.3	287.2	303.0	318.8	334.6



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	430.4	421.1	411.5	402.1	392.4	383.0	373.3	383.3	392.9	402.7	412.2
115°	445.9	440.9	436.2	431.3	426.2	421.4	416.2	421.7	426.9	432.0	437.2
117.5°	432.6	431.1	429.5	428.0	426.3	424.8	423.0	425.0	426.9	429.1	430.7
120°	403.0	403.7	404.1	404.5	404.9	405.3	405.6	405.8	405.8	405.8	405.7
122.5°	370.7	372.5	374.1	375.8	377.3	378.9	380.2	379.4	378.3	377.3	376.0
125°	341.4	343.5	345.2	346.9	348.6	350.4	351.6	350.9	349.8	348.8	347.5
127.5°	317.5	319.2	320.9	322.8	324.2	325.7	327.0	326.5	325.6	324.6	323.5
130°	298.2	300.1	301.4	302.9	304.1	305.3	306.2	306.0	305.3	305.1	304.1
132.5°	285.6	287.1	288.4	289.7	290.7	291.7	292.4	292.5	292.2	291.9	291.2
135°	276.7	277.9	278.9	280.1	281.0	281.8	282.2	282.6	282.5	282.4	282.0
137.5°	269.7	270.8	271.7	272.5	273.2	273.7	274.0	274.5	274.7	275.2	275.0
140°	266.2	267.3	268.2	269.0	269.8	270.5	270.6	271.4	271.5	271.6	271.4
142.5°	262.4	263.4	264.3	265.2	265.8	266.5	266.7	267.3	267.5	267.5	267.5
145°	260.2	260.9	261.7	262.6	263.1	263.6	263.7	264.4	264.6	264.8	265.0
147.5°	257.7	258.6	259.3	259.9	260.4	260.9	261.2	261.7	262.0	262.3	262.4
150°	256.4	257.2	258.0	258.8	259.5	259.9	260.1	260.7	260.9	261.1	261.1
152.5°	255.0	255.7	256.6	257.1	257.8	258.2	258.5	258.9	259.4	259.7	259.8
155°	253.9	254.8	255.5	256.2	256.7	257.2	257.8	258.2	258.6	258.8	259.0
157.5°	253.4	254.3	254.9	255.6	256.1	256.9	257.3	257.9	258.2	258.8	258.9
160°	254.1	255.0	255.5	256.2	256.9	257.4	257.9	258.5	258.9	259.3	259.8
162.5°	255.9	256.7	257.0	257.8	258.4	259.0	259.5	260.1	260.6	261.0	261.4
165°	257.2	257.9	258.4	259.1	259.8	260.5	260.9	261.5	261.7	262.1	262.4
167.5°	260.5	261.2	261.6	262.2	262.7	263.4	263.9	264.4	264.6	264.9	265.1
170°	262.7	263.3	263.7	264.2	264.7	265.3	265.6	265.9	266.2	266.5	266.7
172.5°	264.3	264.9	265.4	266.0	266.4	266.9	267.4	267.6	267.6	267.8	267.7
175°	265.8	266.4	266.6	267.0	267.3	267.7	268.2	268.1	268.3	268.2	268.3
177.5°	268.4	268.9	269.2	269.5	269.9	270.1	270.4	270.2	270.1	270.0	269.7
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32342.5	32358.8	32383.5	32405.9	32439.7	32466.3	32506.3	32536.7	32581.9	32611.2	32660.3
5°	32345.4	32408.7	32491.9	32573.1	32670.7	32759.4	32869.5	32963.3	33073.9	33164.3	33277.5
7.5°	32391.1	32513.2	32659.4	32806.8	32973.4	33129.3	33305.1	33464.0	33637.8	33784.9	33945.6
10°	32424.9	32613.1	32828.6	33045.5	33273.8	33485.9	33700.0	33885.1	34058.0	34200.3	34326.0
12.5°	32379.2	32638.5	32915.0	33182.1	33435.9	33655.4	33839.7	33982.0	34080.2	34146.9	34162.4
15°	32223.6	32535.6	32836.3	33102.3	33312.9	33475.4	33559.5	33598.9	33556.7	33486.5	33332.3
17.5°	31933.1	32262.1	32531.1	32740.9	32852.2	32896.2	32826.6	32705.4	32468.6	32205.8	31826.1
20°	31400.5	31707.1	31902.2	32016.6	31986.8	31876.7	31613.7	31294.0	30821.3	30317.3	29652.4
22.5°	30466.3	30734.4	30838.3	30846.8	30665.1	30389.4	29915.0	29366.7	28620.8	27845.4	26891.8
25°	29064.1	29298.8	29315.3	29223.0	28890.5	28443.7	27747.2	26971.5	25958.0	24924.7	23729.7
27.5°	27162.3	27387.5	27332.3	27160.3	26698.6	26100.7	25209.0	24207.0	22957.4	21737.0	20415.1
30°	24771.7	25012.5	24947.8	24727.0	24178.0	23471.3	22421.9	21257.8	19870.5	18567.1	17227.4
32.5°	21910.8	22215.2	22170.5	21960.8	21387.8	20631.5	19493.0	18258.2	16838.9	15554.3	14251.3
35°	18659.1	19028.7	19047.8	18910.6	18378.7	17631.2	16506.9	15311.8	13952.2	12740.3	11536.5
37.5°	15155.6	15584.1	15672.2	15635.2	15194.3	14534.4	13510.1	12437.9	11233.5	10171.4	9141.8
40°	11632.8	12066.6	12217.0	12261.7	11936.4	11425.3	10584.6	9719.2	8737.4	7876.6	7059.2
42.5°	8420.2	8804.7	8950.2	9041.6	8838.6	8497.7	7884.5	7256.1	6536.7	5916.0	5320.8
45°	5848.0	6120.0	6230.7	6322.7	6212.1	6019.8	5632.6	5239.5	4764.7	4359.0	3975.0
47.5°	4088.7	4238.7	4311.7	4356.4	4313.5	4213.3	4002.4	3774.8	3506.8	3269.7	3041.7
50°	3030.6	3110.4	3148.6	3174.4	3143.2	3087.5	2973.4	2849.5	2702.2	2568.0	2436.8
52.5°	2401.7	2447.5	2470.1	2484.1	2466.1	2432.0	2365.6	2292.1	2203.9	2120.9	2077.3
55°	2023.3	2020.8	2073.3	2048.0	2073.3	2016.8	2004.9	1924.0	1850.8	1799.2	1743.3
57.5°	1668.6	1692.3	1702.4	1713.7	1706.3	1696.0	1667.8	1638.8	1600.2	1567.9	1533.4
60°	1444.3	1463.9	1475.0	1486.1	1485.4	1481.6	1465.2	1448.0	1423.8	1404.4	1383.5
62.5°	1289.9	1306.8	1317.7	1328.4	1329.4	1327.9	1315.4	1303.5	1287.0	1274.8	1260.4
65°	1168.3	1180.2	1187.7	1196.2	1195.7	1193.5	1182.3	1172.3	1158.7	1150.3	1139.8
67.5°	1041.2	1050.2	1056.0	1064.0	1065.6	1066.0	1060.0	1055.2	1048.6	1046.2	1042.6
70°	950.7	961.7	971.0	981.1	986.6	989.3	986.6	984.3	980.4	978.7	975.9
72.5°	882.3	891.6	898.7	908.0	913.1	916.8	914.8	913.5	910.1	909.7	907.8
75°	797.3	803.6	807.7	814.7	817.4	821.0	819.4	820.2	819.1	821.8	821.7
77.5°	695.1	699.8	701.7	706.8	707.2	711.4	712.4	717.3	720.8	728.5	732.6
80°	580.1	583.0	583.0	588.2	590.5	597.5	600.9	609.0	612.7	619.6	620.1
82.5°	450.5	447.1	450.5	448.5	455.0	463.0	464.0	470.8	472.5	476.7	473.4
85°	308.1	307.8	305.1	305.5	303.4	304.4	303.3	304.5	303.3	303.4	300.4
87.5°	147.6	148.9	145.6	146.7	143.7	145.1	142.3	144.5	141.2	141.7	136.9
90°	23.6	23.9	24.0	24.5	25.3	26.5	27.8	29.1	30.8	32.0	33.4
92.5°	22.4	23.2	24.0	24.7	25.5	27.7	30.0	32.2	34.6	36.7	39.0
95°	25.6	26.3	26.9	27.8	28.5	31.7	35.0	38.2	41.4	44.7	47.9
97.5°	29.0	29.5	29.9	30.3	30.9	34.7	38.5	42.4	46.2	50.0	53.7
100°	33.4	33.9	34.4	35.0	35.5	44.3	53.2	62.0	70.8	79.6	88.4
102.5°	52.7	55.8	58.9	62.3	65.3	86.7	108.1	129.5	150.6	172.0	193.3
105°	115.6	126.1	136.7	147.1	157.5	189.9	222.3	254.7	286.8	319.1	351.5
107.5°	230.0	248.3	266.7	285.0	303.3	333.8	364.2	394.6	425.1	455.3	485.5
110°	350.7	366.2	382.4	398.2	414.0	437.9	462.1	486.2	510.3	534.2	558.2



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	422.0	431.5	441.2	450.5	460.2	477.9	495.7	513.3	530.9	548.2	565.8
115°	442.3	447.1	452.3	457.2	462.3	472.9	483.4	493.9	504.6	514.9	525.5
117.5°	432.6	434.4	436.2	437.6	439.4	444.6	450.0	455.2	460.6	465.9	471.1
120°	405.6	405.2	404.9	404.5	404.2	405.6	407.2	408.5	410.0	411.5	412.7
122.5°	374.8	373.2	371.9	370.3	368.9	367.8	367.1	366.0	365.3	364.3	363.3
125°	346.1	344.6	343.1	341.4	339.8	337.9	336.0	334.1	332.1	330.1	328.1
127.5°	322.4	320.8	319.6	317.9	316.4	314.1	312.0	309.8	307.7	305.4	303.3
130°	303.3	302.1	301.2	299.5	298.5	296.3	294.5	292.5	290.5	288.4	286.4
132.5°	290.8	289.8	288.9	287.7	286.8	284.8	283.1	281.1	279.2	277.3	275.6
135°	281.8	281.1	280.5	279.5	278.7	277.1	275.6	274.0	272.5	270.9	269.5
137.5°	274.8	274.3	273.9	273.3	272.8	271.3	270.1	268.6	267.5	265.9	264.7
140°	271.4	271.0	270.5	270.0	269.5	268.1	266.7	265.4	264.1	262.7	261.4
142.5°	267.3	267.0	266.6	266.1	265.6	264.4	263.6	262.4	261.3	260.1	259.1
145°	264.9	264.7	264.6	264.1	264.0	262.7	261.7	260.4	259.4	258.1	257.0
147.5°	262.5	262.3	262.3	262.0	262.0	260.9	260.2	259.1	258.3	257.3	256.5
150°	261.1	261.0	261.0	260.8	260.6	259.7	258.9	258.0	257.3	256.2	255.5
152.5°	259.8	259.8	259.9	259.9	260.0	259.3	258.4	257.6	256.8	255.9	255.0
155°	259.3	259.4	259.6	259.6	259.6	258.9	258.2	257.4	256.7	255.9	255.2
157.5°	259.2	259.5	259.7	259.8	259.9	259.4	258.8	258.2	257.6	256.9	256.3
160°	260.0	260.4	260.7	260.8	261.0	260.5	260.3	259.5	259.3	258.5	257.9
162.5°	261.7	262.1	262.4	262.5	262.7	262.2	261.9	261.4	260.9	260.2	259.8
165°	262.8	262.9	263.2	263.2	263.4	263.0	262.8	262.5	262.1	261.7	261.4
167.5°	265.5	265.6	265.8	265.8	266.0	265.7	265.8	265.5	265.2	264.9	264.6
170°	267.0	267.1	267.3	267.3	267.5	267.2	267.0	266.8	266.8	266.3	266.0
172.5°	267.9	267.9	268.0	268.1	268.0	267.8	267.8	267.6	267.5	267.5	267.3
175°	268.3	268.3	268.3	268.3	268.2	268.2	268.1	268.2	268.1	268.1	268.0
177.5°	269.7	269.6	269.4	269.3	269.1	269.0	269.1	269.0	269.1	269.0	268.9
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32690.7	32488.8	32462.1	32476.3	32510.0	32522.5	32558.9	32568.8	32605.6	32614.5	32649.7
5°	33365.2	33098.3	33111.6	33175.8	33273.0	33330.9	33426.3	33476.3	33567.4	33608.9	33691.2
7.5°	34076.5	33866.9	33932.2	34040.5	34173.3	34265.3	34380.0	34454.6	34553.5	34614.9	34694.0
10°	34425.7	34368.3	34440.2	34525.3	34601.2	34660.5	34709.1	34748.0	34773.5	34797.4	34807.8
12.5°	34159.9	34248.8	34261.1	34252.8	34202.6	34164.3	34078.2	34019.7	33915.8	33852.5	33728.9
15°	33174.7	33370.1	33261.9	33098.1	32858.4	32658.6	32376.3	32166.3	31872.3	31673.0	31378.1
17.5°	31445.7	31692.3	31410.4	31031.3	30549.2	30136.7	29623.1	29215.3	28704.6	28333.2	27856.6
20°	29011.6	29242.1	28739.2	28110.9	27365.1	26737.3	25997.1	25406.5	24718.6	24207.0	23589.4
22.5°	25980.9	26145.1	25436.7	24589.6	23639.4	22855.2	21970.1	21262.1	20477.1	19892.1	19233.7
25°	22628.0	22672.3	21822.6	20846.7	19787.6	18906.3	17961.4	17217.0	16416.3	15823.5	15177.3
27.5°	19243.9	19178.9	18260.4	17225.8	16111.7	15195.6	14274.0	13576.4	12875.3	12341.2	11784.5
30°	16049.7	15892.4	14938.8	13875.3	12793.8	11972.8	11207.8	10647.5	10089.7	9666.0	9219.2
32.5°	13120.7	12898.7	11970.4	10974.0	10062.8	9429.2	8861.9	8438.0	7987.5	7629.7	7254.6
35°	10526.2	10289.7	9467.4	8622.6	7933.0	7466.0	7020.1	6672.3	6289.8	5987.9	5662.2
37.5°	8299.6	8105.8	7416.9	6752.2	6230.7	5868.7	5503.3	5219.1	4903.1	4770.2	4422.2
40°	6407.3	6271.8	5733.2	5243.2	4851.5	4681.5	4310.6	4045.1	3808.8	3614.1	3425.5
42.5°	4997.8	4949.8	4425.7	4043.5	3767.7	3553.4	3346.8	3179.0	3015.7	2881.4	2754.6
45°	3667.6	3629.7	3397.0	3176.4	2988.4	2838.7	2699.0	2583.6	2476.8	2388.4	2307.9
47.5°	2855.9	2843.9	2709.8	2573.1	2454.6	2358.4	2267.7	2191.1	2120.3	2061.2	2042.0
50°	2322.9	2321.3	2242.7	2158.2	2074.0	2018.3	1960.5	1915.2	1869.7	1834.2	1796.8
52.5°	1973.7	1965.1	1912.1	1860.0	1809.8	1773.3	1736.3	1707.4	1677.3	1655.4	1632.1
55°	1699.2	1708.2	1677.4	1646.3	1615.0	1592.2	1566.3	1547.2	1526.6	1512.8	1498.7
57.5°	1508.4	1520.4	1504.2	1486.6	1467.5	1452.6	1434.7	1421.5	1407.7	1398.9	1390.8
60°	1369.7	1382.7	1376.3	1367.4	1355.6	1346.7	1335.3	1328.0	1319.1	1314.2	1309.6
62.5°	1252.1	1268.2	1266.0	1261.8	1254.2	1249.3	1243.0	1239.8	1233.9	1231.8	1229.6
65°	1134.6	1152.9	1152.5	1150.5	1146.2	1144.8	1141.0	1140.3	1137.3	1138.4	1138.2
67.5°	1042.3	1058.1	1061.6	1064.1	1064.0	1064.9	1064.6	1066.1	1066.1	1068.5	1069.9
70°	975.6	986.6	989.3	992.0	992.7	994.8	994.8	996.1	995.8	997.7	998.0
72.5°	908.2	922.7	925.5	927.5	927.5	929.6	928.5	928.2	925.3	924.7	922.6
75°	824.4	843.1	847.1	849.8	850.1	851.9	849.4	847.9	843.1	841.1	837.7
77.5°	736.8	756.2	759.1	760.0	758.5	758.9	753.5	750.0	743.8	741.3	738.1
80°	622.9	651.4	653.6	651.8	647.4	646.7	641.5	638.1	630.8	628.3	625.5
82.5°	474.0	507.4	512.1	514.1	510.5	511.4	506.5	504.5	497.8	496.6	492.1
85°	299.3	332.6	338.2	337.3	333.7	332.9	330.0	331.0	330.4	332.2	333.2
87.5°	137.5	169.8	177.6	175.1	174.7	172.5	167.3	169.2	172.3	174.4	174.5
90°	34.8	45.9	47.0	46.8	43.5	42.7	39.6	39.5	36.8	36.5	34.1
92.5°	41.1	43.4	45.7	43.7	41.7	39.7	37.7	35.6	33.7	31.6	29.7
95°	51.1	54.2	57.5	54.8	51.9	49.3	46.7	44.0	41.3	38.7	36.0
97.5°	57.6	61.2	64.8	62.2	59.5	56.7	54.0	51.4	48.7	46.0	43.2
100°	97.2	105.6	114.2	106.6	99.0	91.4	83.8	76.1	68.6	61.0	53.3
102.5°	214.5	235.6	256.8	237.5	218.2	198.9	179.8	160.5	141.4	122.0	102.9
105°	383.6	415.5	447.5	418.0	388.6	359.3	329.9	300.6	271.2	241.8	212.5
107.5°	515.9	545.4	575.3	548.8	522.1	495.6	468.8	442.3	415.7	389.0	362.5
110°	582.2	605.1	628.8	610.7	592.8	574.7	556.8	538.8	521.0	503.1	485.3



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	583.3	599.4	616.5	605.7	595.1	584.3	573.7	563.0	552.6	541.8	531.5
115°	535.7	544.5	554.5	549.9	545.5	541.0	536.5	532.1	527.7	523.2	519.1
117.5°	476.2	479.4	484.0	482.5	481.5	480.1	479.1	477.8	476.9	475.7	474.8
120°	414.0	413.2	413.9	413.7	413.8	413.8	413.9	413.8	413.9	414.1	414.4
122.5°	362.3	358.8	357.0	356.9	356.7	356.5	356.5	356.4	356.4	356.5	356.5
125°	326.3	321.5	318.7	317.2	315.9	314.5	313.0	311.8	310.5	309.2	308.1
127.5°	300.9	295.8	292.8	290.5	288.1	285.8	283.4	281.0	278.7	276.3	274.3
130°	284.5	279.3	276.4	273.6	271.0	268.0	265.3	262.5	259.6	256.9	254.0
132.5°	273.6	268.5	265.7	263.1	260.6	257.7	255.0	252.2	249.5	246.6	244.1
135°	267.9	262.8	260.5	257.9	255.7	253.0	250.5	247.9	245.5	242.7	240.5
137.5°	263.2	258.2	256.1	254.0	252.1	249.9	248.0	245.7	243.7	241.3	239.4
140°	259.9	254.7	252.5	251.1	250.0	248.3	247.1	245.5	244.3	242.8	241.4
142.5°	257.9	252.8	250.8	249.8	249.0	247.9	247.2	246.1	245.1	243.8	242.8
145°	255.9	250.1	248.2	247.6	247.4	247.0	246.5	246.2	245.7	245.1	244.6
147.5°	255.5	249.5	247.5	247.4	247.3	246.9	246.9	246.6	246.6	246.2	246.2
150°	254.5	247.7	245.3	245.5	245.4	245.5	245.6	245.5	245.8	245.8	245.8
152.5°	254.0	246.1	243.3	243.4	243.7	243.7	244.0	244.2	244.5	244.7	244.9
155°	254.2	245.4	242.5	242.4	242.4	242.4	242.5	242.6	242.8	243.0	243.3
157.5°	255.5	246.2	243.3	243.0	243.0	242.9	242.9	242.9	243.0	243.1	243.4
160°	257.2	248.1	245.1	244.7	244.6	244.5	244.3	244.3	244.3	244.4	244.6
162.5°	258.9	250.0	247.2	246.7	246.4	246.3	246.3	246.0	246.1	246.0	246.2
165°	260.8	252.8	250.1	249.9	249.8	249.6	249.5	249.4	249.5	249.5	249.7
167.5°	264.3	257.0	255.0	254.6	254.2	253.9	253.9	253.4	253.4	253.1	253.1
170°	265.7	260.0	258.2	258.0	258.1	258.0	257.9	257.9	257.8	257.7	257.8
172.5°	267.0	262.8	261.5	261.5	261.7	261.7	261.9	261.9	262.1	262.3	262.5
175°	267.9	265.4	264.8	264.6	264.7	264.8	264.9	264.9	265.0	265.1	265.5
177.5°	269.0	268.3	267.9	267.9	267.9	267.9	267.9	267.9	267.9	268.1	268.1
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32656.3	32694.4	32691.5	32727.0	32725.3	32758.7	32752.0	32780.9	32774.4	32799.1	32784.6
5°	33727.5	33799.9	33823.8	33889.2	33902.7	33961.2	33962.4	34008.9	34003.2	34039.6	34020.2
7.5°	34740.9	34808.5	34840.5	34891.3	34916.6	34958.7	34975.1	35009.7	35018.0	35038.4	35037.8
10°	34826.3	34826.1	34841.9	34834.9	34849.0	34840.8	34858.1	34851.9	34877.4	34870.9	34890.2
12.5°	33675.7	33561.5	33519.8	33417.2	33394.8	33306.7	33312.9	33256.5	33283.8	33249.0	33308.1
15°	31202.6	30937.7	30806.9	30576.5	30504.2	30322.1	30307.4	30186.5	30219.1	30155.8	30248.3
17.5°	27548.1	27131.1	26902.2	26565.9	26432.3	26174.9	26123.2	25967.6	25991.7	25913.3	26025.0
20°	23191.1	22687.0	22398.4	22009.4	21835.9	21528.9	21447.6	21273.4	21295.2	21217.2	21343.5
22.5°	18784.3	18256.7	17930.8	17523.1	17301.6	17012.9	16926.2	16751.3	16761.3	16688.0	16809.5
25°	14734.6	14228.8	13912.5	13542.1	13349.9	13085.2	12994.1	12837.1	12845.9	12785.6	12894.6
27.5°	11398.3	10983.3	10718.6	10408.2	10235.8	10018.2	9929.5	9797.4	9797.1	9752.7	9843.8
30°	8907.1	8560.8	8323.2	8052.8	7891.0	7694.6	7608.9	7490.7	7485.6	7454.1	7526.5
32.5°	6974.1	6666.1	6449.3	6211.4	6066.1	5897.6	5816.5	5721.4	5712.8	5684.3	5743.8
35°	5421.5	5162.1	4975.7	4775.4	4790.1	4541.5	4582.9	4389.7	4337.4	4326.0	4370.1
37.5°	4190.1	3989.3	3837.9	3687.9	3586.3	3481.1	3424.6	3373.8	3368.0	3363.1	3394.1
40°	3279.7	3139.2	3029.0	2926.1	2856.2	2792.0	2756.7	2728.8	2722.2	2718.4	2737.2
42.5°	2654.5	2559.6	2488.6	2425.8	2383.3	2348.5	2329.0	2313.5	2308.3	2308.5	2319.6
45°	2242.7	2185.2	2139.4	2100.3	2073.2	2085.1	2050.0	2068.4	2044.1	2069.2	2052.7
47.5°	1975.0	1926.0	1897.7	1870.0	1853.6	1840.4	1840.8	1841.1	1846.3	1847.1	1852.5
50°	1768.4	1740.1	1720.4	1702.7	1694.2	1687.2	1689.7	1691.5	1696.5	1696.8	1700.8
52.5°	1615.5	1597.0	1585.1	1574.1	1570.3	1566.3	1568.0	1567.3	1569.6	1568.4	1571.6
55°	1491.2	1482.4	1478.7	1474.6	1475.1	1474.1	1474.8	1470.9	1468.4	1465.4	1468.3
57.5°	1389.0	1387.9	1390.4	1392.1	1396.7	1398.5	1399.6	1394.9	1390.7	1386.7	1388.9
60°	1310.5	1312.4	1318.6	1323.6	1330.3	1333.5	1335.4	1332.8	1329.7	1326.4	1328.3
62.5°	1232.9	1235.9	1243.3	1248.9	1257.1	1261.3	1266.0	1266.2	1267.4	1266.2	1267.5
65°	1142.8	1146.5	1153.2	1157.9	1165.4	1169.2	1174.0	1174.9	1177.5	1176.9	1179.1
67.5°	1074.4	1077.7	1083.3	1087.8	1094.5	1098.4	1102.5	1102.8	1103.7	1103.5	1105.6
70°	1001.3	1002.9	1008.0	1011.7	1018.4	1022.4	1027.2	1028.7	1031.7	1032.1	1034.6
72.5°	923.5	922.7	925.8	927.4	932.5	935.6	941.8	945.1	950.1	951.5	953.3
75°	838.7	838.0	841.6	843.1	847.3	850.5	857.3	861.7	869.5	872.8	872.0
77.5°	740.6	742.3	749.0	752.7	758.5	762.4	771.4	778.4	792.7	798.9	792.6
80°	630.8	632.6	639.6	643.0	650.7	655.5	665.4	673.7	686.5	689.4	685.7
82.5°	495.9	496.5	502.7	505.4	515.2	522.2	534.9	541.4	549.4	548.2	547.2
85°	338.2	342.8	350.6	358.4	370.3	381.9	393.8	403.6	396.7	407.6	395.3
87.5°	180.7	180.3	190.8	189.2	205.9	215.7	226.0	230.9	236.5	235.4	235.5
90°	34.3	32.4	33.0	30.8	32.4	29.8	32.3	30.1	33.0	30.1	34.9
92.5°	27.6	26.6	25.5	24.5	23.3	22.4	21.2	20.1	19.0	17.9	19.0
95°	33.4	32.4	31.4	30.3	29.3	28.3	27.3	26.3	25.3	24.3	25.6
97.5°	40.6	40.1	39.4	38.9	38.2	37.7	37.1	36.5	35.7	35.2	36.0
100°	45.7	45.7	45.7	45.7	45.5	45.5	45.5	45.5	45.5	45.5	46.1
102.5°	83.7	81.8	79.8	77.8	75.9	73.9	72.0	70.1	68.2	66.3	69.1
105°	183.2	175.6	168.1	160.6	153.0	145.6	138.0	130.5	123.1	115.6	123.3
107.5°	336.2	322.3	308.6	294.9	281.2	267.5	254.0	240.3	226.7	213.0	225.2
110°	467.4	452.8	438.1	423.6	409.0	394.5	380.0	365.5	351.0	336.5	348.2



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	521.0	511.3	501.8	492.4	482.9	473.6	464.2	454.9	445.6	436.2	441.8
115°	514.8	510.2	505.6	501.0	496.5	491.8	487.2	482.9	478.5	474.0	474.4
117.5°	473.7	471.9	470.4	468.7	467.0	465.5	464.0	462.6	461.0	459.8	456.6
120°	414.7	414.7	414.9	415.2	415.6	416.0	416.2	416.7	417.4	417.9	413.6
122.5°	356.6	357.3	358.1	358.9	359.8	360.8	361.9	363.1	364.3	365.6	361.4
125°	306.8	307.4	308.2	308.8	309.5	310.6	311.7	312.9	314.0	315.4	311.9
127.5°	272.0	271.8	271.6	271.7	271.7	272.0	272.4	272.8	273.4	274.2	271.9
130°	251.3	250.4	249.4	248.7	247.8	247.4	247.0	246.6	246.3	246.2	245.4
132.5°	241.3	239.8	238.3	236.9	235.6	234.6	233.4	232.7	231.9	231.4	231.1
135°	237.7	235.9	234.1	232.4	230.7	229.4	227.9	226.9	225.9	225.0	225.4
137.5°	237.2	235.5	233.5	231.9	230.2	228.8	227.4	226.2	225.2	224.4	225.0
140°	239.8	238.0	236.2	234.6	233.1	231.7	230.4	229.4	228.1	227.5	227.9
142.5°	241.7	240.3	238.5	237.2	235.6	234.4	233.3	232.4	231.2	230.7	231.1
145°	244.1	243.0	241.6	240.5	239.5	238.7	237.6	237.1	236.4	236.1	236.3
147.5°	245.8	245.0	244.0	243.2	242.3	241.7	241.0	240.5	240.1	239.8	239.9
150°	245.9	245.3	244.7	244.3	243.6	243.3	242.9	242.6	242.4	242.3	242.3
152.5°	245.2	244.8	244.3	243.9	243.4	243.3	242.9	242.8	242.6	242.5	242.5
155°	243.4	243.3	243.1	243.1	242.9	243.2	243.0	243.2	243.1	243.3	243.3
157.5°	243.5	243.6	243.5	243.8	243.9	244.1	244.2	244.5	244.5	245.0	245.2
160°	245.0	245.0	245.0	245.3	245.3	245.3	245.5	245.8	246.0	246.2	246.5
162.5°	246.3	246.7	246.8	247.0	247.3	247.6	248.0	248.4	248.7	249.1	249.5
165°	249.9	250.0	250.0	250.0	250.2	250.4	250.5	251.0	251.1	251.5	252.0
167.5°	253.0	253.2	253.2	253.4	253.6	253.9	254.0	254.5	254.9	255.4	255.8
170°	257.6	257.6	257.6	257.6	257.6	257.9	257.9	258.0	258.2	258.6	258.8
172.5°	262.5	262.5	262.3	262.5	262.3	262.5	262.5	262.7	262.7	262.7	262.8
175°	265.3	265.6	265.7	265.9	265.9	266.0	266.1	266.2	266.3	266.5	266.5
177.5°	268.1	268.2	268.2	268.2	268.2	268.3	268.3	268.3	268.3	268.2	268.3
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32808.7	32792.3	32809.0	32792.0	32809.0	32788.6	32802.5	32780.4	32786.0	32763.1	32769.0
5°	34049.2	34023.1	34037.0	34003.0	34006.6	33961.2	33960.3	33907.5	33893.6	33833.4	33807.0
7.5°	35052.4	35043.8	35048.7	35026.7	35024.3	34993.3	34978.5	34934.7	34907.3	34851.9	34814.1
10°	34893.6	34919.1	34925.8	34951.9	34957.2	34983.0	34988.5	35014.3	35019.7	35038.8	35039.0
12.5°	33305.4	33392.2	33413.0	33520.2	33565.4	33688.2	33754.0	33889.2	33969.5	34104.3	34187.2
15°	30245.7	30396.0	30455.9	30665.4	30781.2	31025.7	31179.4	31460.1	31658.3	31956.4	32169.1
17.5°	26034.8	26244.8	26339.5	26623.5	26808.8	27169.7	27429.8	27857.9	28185.7	28661.4	29038.5
20°	21365.2	21598.5	21727.1	22051.1	22269.8	22691.4	23016.1	23542.3	23980.9	24583.8	25099.3
22.5°	16847.6	17069.6	17212.5	17542.1	17788.2	18228.0	18591.0	19146.2	19637.8	20317.1	20935.2
25°	12935.8	13139.2	13268.3	13566.5	13797.7	14201.8	14548.4	15082.4	15563.4	16244.8	16878.6
27.5°	9889.2	10059.6	10184.1	10438.3	10642.2	10985.0	11282.6	11724.0	12138.4	12727.9	13292.3
30°	7571.0	7722.1	7843.2	8064.6	8253.7	8550.8	8812.5	9183.3	9526.2	9995.3	10444.3
32.5°	5785.6	5915.6	6023.5	6217.2	6388.8	6656.4	6892.2	7217.1	7511.5	7909.4	8278.8
35°	4411.3	4667.1	4649.0	4916.4	4959.3	5151.4	5361.8	5645.9	5906.6	6244.9	6559.3
37.5°	3423.8	3495.8	3572.9	3691.1	3815.3	3989.9	4167.7	4514.9	4642.2	4897.9	5158.1
40°	2761.0	2809.6	2860.6	2940.4	3027.3	3150.4	3279.9	3445.5	3615.2	3822.4	4034.2
42.5°	2334.2	2361.7	2394.1	2441.0	2494.6	2572.7	2659.3	2771.6	2889.6	3035.5	3184.4
45°	2085.5	2072.4	2082.0	2107.2	2139.5	2187.0	2241.6	2311.1	2388.0	2482.5	2583.1
47.5°	1853.6	1858.9	1861.8	1875.5	1892.7	1924.6	1957.7	2004.9	2096.1	2123.8	2178.6
50°	1700.5	1703.0	1702.2	1709.2	1717.9	1738.5	1760.0	1792.0	1823.9	1866.2	1906.6
52.5°	1572.1	1575.7	1575.2	1579.8	1584.4	1597.6	1611.1	1633.7	1654.6	1681.5	1704.7
55°	1470.7	1475.7	1477.6	1481.4	1483.8	1490.5	1496.0	1506.8	1515.7	1530.9	1544.9
57.5°	1392.8	1399.6	1402.6	1404.0	1401.2	1400.8	1399.0	1401.4	1403.1	1411.3	1419.2
60°	1331.4	1336.8	1337.7	1336.8	1331.8	1328.2	1322.4	1320.6	1319.7	1323.6	1328.0
62.5°	1267.2	1269.1	1267.8	1266.2	1260.4	1257.0	1251.0	1248.8	1246.7	1249.6	1251.8
65°	1178.3	1180.0	1178.3	1177.3	1172.2	1169.4	1164.4	1162.7	1159.8	1160.6	1160.1
67.5°	1106.2	1107.8	1106.5	1105.2	1101.6	1099.9	1096.2	1093.8	1090.3	1089.0	1086.6
70°	1034.2	1035.6	1033.5	1032.1	1028.0	1026.5	1023.1	1022.3	1019.5	1019.0	1016.2
72.5°	951.5	951.6	948.7	947.8	944.8	944.8	943.3	944.7	944.5	945.9	945.3
75°	866.8	865.6	862.0	861.4	859.1	860.2	858.7	860.7	860.9	864.0	864.4
77.5°	782.0	777.5	770.7	767.5	762.9	762.3	759.7	761.5	760.9	764.5	765.9
80°	674.9	669.5	660.7	656.5	651.1	650.3	647.8	650.3	649.1	653.3	656.3
82.5°	538.8	534.2	525.0	521.7	515.4	516.1	513.3	516.1	515.7	521.9	525.5
85°	398.6	395.4	386.1	377.8	368.5	363.2	357.9	356.9	355.4	357.9	360.0
87.5°	230.2	227.3	220.0	215.2	199.0	199.7	193.3	193.0	191.4	190.0	193.3
90°	33.4	37.4	36.3	39.8	39.1	43.3	43.0	46.9	45.8	49.6	49.2
92.5°	20.1	21.2	22.3	23.3	24.4	25.5	26.6	27.6	30.0	32.0	34.6
95°	26.8	28.0	29.3	30.5	31.8	33.0	34.3	35.5	39.0	42.3	45.8
97.5°	37.0	37.7	38.5	39.3	40.2	41.1	41.9	42.7	46.5	50.2	53.8
100°	46.9	47.5	48.1	48.9	49.5	50.1	50.8	51.5	58.7	65.8	72.9
102.5°	71.9	74.8	77.6	80.4	83.4	86.3	89.1	91.9	108.2	124.4	140.7
105°	131.1	138.8	146.6	154.3	162.1	169.8	177.7	185.4	211.6	237.5	263.7
107.5°	237.5	249.7	261.9	274.3	286.5	298.8	311.1	323.5	348.8	374.4	399.9
110°	359.8	371.6	383.2	395.0	406.6	418.5	430.1	442.1	457.4	472.7	488.1



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	447.6	453.3	459.1	464.9	470.7	476.5	482.3	488.2	496.1	503.8	511.7
115°	474.7	475.1	475.7	476.1	476.7	477.2	477.9	478.5	481.3	483.9	486.7
117.5°	453.5	450.4	447.5	444.6	441.7	438.9	436.1	433.5	433.3	433.0	433.1
120°	409.8	405.8	401.7	397.6	393.8	390.0	386.4	382.7	381.0	379.4	377.9
122.5°	357.3	353.3	349.4	345.6	341.8	338.2	334.6	331.1	330.2	329.3	328.5
125°	308.4	305.3	302.0	299.0	296.1	293.2	290.5	287.8	288.3	288.8	289.5
127.5°	270.0	268.2	266.4	264.7	263.3	261.8	260.5	259.1	260.8	262.4	264.1
130°	244.7	244.1	243.7	243.2	243.2	242.9	242.7	242.6	245.2	247.2	249.8
132.5°	231.5	231.6	231.9	232.4	233.0	233.6	234.6	235.1	237.8	240.2	242.9
135°	225.9	226.4	227.3	228.0	229.2	230.2	231.5	232.5	235.2	237.5	240.1
137.5°	225.8	226.4	227.4	228.4	229.8	230.8	232.3	233.5	235.6	237.6	239.7
140°	228.6	229.0	230.0	230.9	232.0	232.9	234.3	235.4	237.3	238.9	240.6
142.5°	231.8	232.3	233.2	234.0	235.0	235.9	237.1	238.0	239.4	240.6	242.3
145°	236.9	237.3	238.1	238.7	239.5	240.4	241.3	242.1	243.2	244.0	245.1
147.5°	240.4	240.8	241.4	242.0	242.7	243.3	243.9	244.5	245.4	246.2	247.0
150°	242.7	242.9	243.3	243.7	244.3	244.8	245.4	245.9	246.5	247.2	247.9
152.5°	243.1	243.2	243.6	244.0	244.4	244.9	245.3	245.8	246.4	246.9	247.6
155°	243.7	244.3	244.7	245.1	245.7	245.9	246.5	246.9	247.4	248.0	248.5
157.5°	245.7	245.9	246.5	246.8	247.3	247.7	248.2	248.5	249.1	249.5	250.0
160°	247.1	247.6	248.1	248.6	249.1	249.6	250.1	250.7	251.2	251.6	252.1
162.5°	250.1	250.5	251.0	251.3	251.8	252.3	252.7	253.1	253.9	254.1	254.9
165°	252.5	253.0	253.7	254.0	254.7	255.2	255.7	256.2	256.6	257.1	257.5
167.5°	256.3	256.7	257.4	257.8	258.3	258.8	259.3	259.8	260.2	260.5	260.9
170°	259.2	259.7	260.1	260.5	260.9	261.3	261.8	262.2	262.7	263.0	263.7
172.5°	263.2	263.5	263.8	263.9	264.3	264.7	265.1	265.3	265.7	266.1	266.4
175°	266.5	266.5	266.6	266.7	266.8	266.8	266.9	267.2	267.3	267.5	267.5
177.5°	268.4	268.5	268.5	268.6	268.7	268.8	268.9	269.0	269.0	269.0	269.0
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32746.0	32747.5	32721.0	32719.6	32694.8	32691.7	32667.6	32660.3	32640.7	32633.6	32613.7
5°	33739.6	33707.4	33633.0	33589.3	33515.8	33467.1	33387.6	33335.8	33259.0	33201.2	33124.0
7.5°	34744.3	34694.4	34610.9	34543.3	34441.3	34359.9	34240.7	34142.9	34013.7	33901.9	33766.2
10°	35039.0	35031.3	35010.0	34979.0	34931.6	34878.4	34797.1	34712.5	34599.2	34476.3	34325.4
12.5°	34313.9	34392.2	34499.0	34562.2	34639.3	34673.0	34704.5	34696.6	34675.9	34613.6	34526.4
15°	32477.1	32697.2	32988.5	33214.2	33474.0	33662.8	33871.2	34001.2	34130.7	34190.5	34227.2
17.5°	29555.2	29971.9	30494.3	30927.1	31426.6	31827.8	32267.6	32598.7	32939.1	33183.1	33403.7
20°	25802.1	26405.6	27144.5	27797.1	28556.1	29215.6	29938.3	30531.7	31143.6	31622.0	32074.8
22.5°	21731.1	22448.0	23341.2	24168.6	25147.0	26026.3	27018.3	27881.8	28783.3	29536.5	30264.7
25°	17728.1	18514.2	19490.9	20414.0	21522.1	22544.8	23721.4	24797.5	25962.8	26974.3	27973.8
27.5°	14072.7	14844.5	15841.6	16824.3	17996.0	19085.8	20346.5	21532.0	22858.8	24082.3	25333.9
30°	11068.3	11722.9	12617.0	13568.8	14724.4	15833.5	17107.7	18327.1	19707.3	21043.1	22452.9
32.5°	8769.1	9267.8	9970.7	10775.5	11841.8	12897.5	14110.9	15288.0	16647.2	17996.6	19462.8
35°	6964.2	7353.2	7889.1	8517.2	9420.2	10330.2	11403.4	12473.9	13741.9	15022.5	16447.6
37.5°	5491.7	5807.3	6227.0	6698.9	7423.1	8169.9	9050.0	9937.4	11039.3	12174.4	13465.9
40°	4288.4	4544.0	4870.7	5222.5	5769.4	6344.9	7025.5	7713.7	8598.9	9526.6	10595.5
42.5°	3368.9	3557.4	3788.2	4045.3	4555.6	4861.1	5322.6	5820.4	6471.2	7144.6	7948.2
45°	2705.5	2834.1	2994.1	3166.6	3403.4	3662.6	3978.7	4310.1	4928.3	5231.6	5720.4
47.5°	2259.4	2345.7	2447.5	2556.2	2695.9	2846.6	3034.0	3225.7	3473.6	3730.5	4031.6
50°	1958.9	2046.7	2081.7	2137.9	2218.8	2304.9	2410.6	2516.2	2649.2	2783.9	2939.0
52.5°	1735.9	1764.4	1802.5	1838.3	1888.4	1986.4	2018.1	2073.3	2147.9	2220.8	2302.3
55°	1565.6	1584.3	1608.9	1630.6	1660.8	1689.8	1731.5	1768.3	1818.0	1862.0	1916.1
57.5°	1433.0	1445.0	1462.1	1476.2	1495.8	1512.2	1536.7	1556.6	1585.2	1610.0	1642.8
60°	1336.7	1344.6	1356.1	1365.4	1377.9	1386.4	1398.6	1407.9	1423.0	1435.6	1453.9
62.5°	1258.1	1262.2	1269.7	1275.1	1283.0	1287.3	1293.9	1298.0	1306.2	1312.5	1322.8
65°	1163.6	1164.6	1169.7	1172.0	1178.2	1180.5	1185.8	1187.7	1194.5	1199.3	1208.2
67.5°	1086.3	1084.2	1084.3	1082.5	1083.3	1081.5	1082.0	1080.1	1082.9	1084.3	1091.1
70°	1015.7	1012.7	1011.7	1008.5	1007.6	1004.2	1003.2	1000.2	999.9	998.9	1001.3
72.5°	946.9	946.0	946.3	944.0	943.8	941.5	941.6	940.2	941.8	942.5	945.6
75°	867.8	868.0	869.5	867.5	868.1	866.2	866.9	865.1	866.1	865.7	868.8
77.5°	771.5	773.7	777.9	777.1	778.4	776.3	777.2	774.7	775.5	773.7	774.9
80°	663.2	668.0	673.6	673.3	675.8	674.2	676.3	673.9	674.9	672.0	671.3
82.5°	534.6	538.6	544.6	544.9	550.1	551.0	556.9	556.8	560.5	558.0	556.4
85°	365.4	368.2	373.5	376.4	381.7	385.1	390.8	393.1	389.0	396.4	390.5
87.5°	190.8	197.9	194.0	203.2	201.0	210.4	208.4	217.0	215.3	222.8	221.8
90°	54.2	54.4	59.6	60.2	66.6	67.9	72.2	70.6	74.8	73.4	77.6
92.5°	36.7	39.2	41.6	44.0	46.2	48.7	46.4	44.2	42.1	40.1	37.8
95°	49.2	52.6	56.0	59.5	62.8	66.3	62.6	59.0	55.4	51.7	48.0
97.5°	57.6	61.2	64.9	68.5	72.3	76.0	71.6	67.2	63.0	58.7	54.4
100°	79.9	87.3	94.3	101.4	108.6	115.6	107.7	99.6	91.7	83.7	75.5
102.5°	157.1	173.4	189.8	206.1	222.3	238.6	221.7	204.7	187.5	170.6	153.4
105°	289.8	315.9	342.0	368.2	394.2	420.5	392.8	365.2	337.5	310.0	282.1
107.5°	425.4	450.8	476.5	501.9	527.5	553.1	525.2	497.0	469.2	441.0	413.0
110°	503.6	519.1	534.6	550.1	565.5	581.1	560.7	540.4	520.1	499.7	479.2



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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	519.5	527.6	535.4	543.4	551.2	559.3	544.9	530.5	516.0	501.6	487.1
115°	489.5	492.2	495.0	497.9	500.7	503.6	493.9	484.3	474.7	465.1	455.3
117.5°	433.1	433.2	433.0	433.4	433.1	433.2	428.1	423.0	417.7	412.4	407.1
120°	376.3	374.9	373.3	371.9	370.2	368.6	366.8	364.9	362.8	360.8	358.7
122.5°	327.5	326.9	326.0	325.2	324.2	323.3	322.8	322.5	321.9	321.5	320.8
125°	290.0	290.6	291.1	291.7	292.2	292.7	292.7	292.8	292.7	292.8	292.7
127.5°	265.6	267.3	268.7	270.4	271.6	273.3	273.5	274.1	274.3	274.7	275.1
130°	251.9	254.3	256.5	258.6	260.6	263.0	263.2	263.5	263.7	264.0	264.3
132.5°	245.4	247.9	250.2	252.9	255.1	257.5	257.8	258.0	258.0	258.5	258.6
135°	242.4	244.8	247.0	249.5	251.5	253.9	254.0	254.2	254.1	254.5	254.6
137.5°	241.5	243.8	245.6	247.6	249.2	251.2	251.2	251.5	251.4	251.7	251.7
140°	242.2	244.0	245.3	247.1	248.6	250.1	250.1	250.1	249.9	250.0	249.7
142.5°	243.5	244.9	246.0	247.4	248.6	249.9	249.3	249.1	248.8	248.5	248.2
145°	246.1	247.1	248.0	249.0	249.5	250.6	250.0	249.6	248.9	248.5	248.1
147.5°	247.6	248.3	248.8	249.6	250.0	250.8	250.1	249.6	249.1	248.4	247.8
150°	248.3	249.1	249.5	250.1	250.6	251.2	250.5	249.9	249.1	248.5	247.8
152.5°	248.2	248.6	249.1	249.5	250.0	250.4	249.7	249.2	248.4	247.7	246.9
155°	248.8	249.4	249.6	250.1	250.2	250.6	249.9	249.5	248.8	248.2	247.4
157.5°	250.3	250.9	251.2	251.4	251.7	252.1	251.6	251.2	250.7	250.2	249.7
160°	252.4	252.8	253.1	253.4	253.8	253.9	253.4	253.3	252.9	252.4	251.9
162.5°	255.2	255.7	256.0	256.3	256.8	257.1	256.7	256.3	255.9	255.4	254.8
165°	257.9	258.2	258.6	258.9	259.0	259.4	259.0	258.9	258.5	258.2	257.9
167.5°	261.2	261.7	261.9	262.3	262.4	262.7	262.3	262.3	261.8	261.7	261.2
170°	263.8	264.1	264.6	264.8	265.1	265.3	265.2	265.0	264.6	264.4	264.1
172.5°	266.7	267.0	267.1	267.4	267.5	267.8	267.5	267.3	267.0	266.6	266.4
175°	267.5	267.6	267.9	267.9	267.9	268.0	267.7	267.5	267.3	267.0	266.7
177.5°	269.0	269.0	269.0	268.9	268.9	268.9	268.7	268.5	268.4	268.2	267.9
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32606.5	32592.4	32583.3	32571.7	32564.6	32555.5	32548.9	32543.3	32538.8	32534.5	32531.4
5°	33065.1	32992.2	32935.6	32874.4	32824.1	32773.9	32735.2	32703.2	32681.0	32664.5	32654.6
7.5°	33648.8	33515.4	33396.8	33271.9	33160.0	33049.8	32954.9	32873.2	32811.8	32772.0	32747.9
10°	34170.1	33991.6	33815.0	33629.1	33452.7	33281.8	33124.0	32985.1	32875.3	32802.2	32759.6
12.5°	34403.9	34251.7	34071.4	33869.4	33653.5	33434.8	33221.8	33029.6	32868.4	32760.2	32697.7
15°	34198.1	34135.5	34013.2	33856.5	33651.5	33425.5	33175.4	32940.2	32723.9	32583.6	32502.3
17.5°	33528.6	33615.7	33606.3	33546.4	33399.0	33208.8	32953.9	32689.8	32419.2	32231.8	32129.4
20°	32398.7	32672.8	32811.8	32883.2	32825.2	32702.0	32471.1	32203.1	31887.7	31643.0	31493.6
22.5°	30811.0	31294.8	31596.4	31817.0	31863.8	31821.8	31618.0	31363.1	31011.6	30717.3	30496.7
25°	28767.1	29476.0	29952.5	30326.1	30471.1	30508.7	30335.2	30081.7	29689.9	29347.1	29044.1
27.5°	26359.7	27280.8	27916.9	28418.9	28645.5	28743.8	28584.2	28325.5	27862.0	27452.8	27057.0
30°	23649.4	24742.2	25508.2	26110.1	26386.3	26516.1	26346.5	26057.9	25518.4	25026.1	24527.4
32.5°	20748.5	21944.3	22779.0	23432.7	23706.4	23828.6	23606.7	23282.5	22659.0	22078.9	21497.5
35°	17711.3	18918.3	19760.1	20396.4	20625.7	20699.4	20415.7	20040.9	19350.1	18713.5	18079.5
37.5°	14612.3	15735.2	16500.3	17071.3	17213.3	17226.0	16884.2	16470.3	15744.2	15116.5	14485.3
40°	11540.0	12487.0	13104.8	13561.9	13611.1	13567.1	13195.5	12779.0	12099.8	11537.4	10983.3
42.5°	8646.1	9361.0	9801.7	10114.9	10096.3	10009.5	9668.8	9310.6	8750.3	8322.0	7885.9
45°	6166.8	6638.2	6895.9	7079.2	7020.3	6937.6	6672.4	6421.4	6040.6	5764.0	5470.9
47.5°	4284.2	4847.0	4749.1	5107.4	4798.7	5002.6	4578.0	4343.9	4141.7	3994.7	3829.1
50°	3067.1	3196.1	3258.4	3300.9	3278.3	3247.0	3170.7	3102.5	3010.2	2942.9	2864.5
52.5°	2368.7	2433.1	2468.5	2494.0	2489.0	2477.5	2444.3	2413.9	2370.7	2342.2	2307.9
55°	2006.3	2007.3	2072.2	2044.4	2085.6	2037.3	2056.3	2002.9	2011.5	1965.6	1934.7
57.5°	1667.2	1693.7	1705.5	1717.0	1713.8	1711.8	1698.9	1692.4	1677.9	1673.4	1663.1
60°	1466.5	1480.3	1483.2	1488.6	1484.0	1482.4	1472.3	1468.7	1459.0	1457.2	1450.3
62.5°	1329.0	1336.0	1336.0	1336.0	1330.2	1324.7	1313.5	1307.7	1299.4	1297.6	1293.6
65°	1214.1	1221.5	1222.6	1224.2	1220.0	1215.7	1205.8	1199.4	1190.9	1187.7	1183.1
67.5°	1095.6	1103.4	1106.0	1110.0	1107.6	1106.7	1100.0	1097.5	1091.9	1090.5	1086.3
70°	1002.5	1005.8	1005.5	1005.4	1000.1	995.4	987.6	983.9	978.0	976.8	972.9
72.5°	947.1	949.5	948.0	945.9	939.1	932.2	923.0	916.3	908.6	903.8	898.4
75°	869.2	872.3	870.3	869.0	862.8	858.3	851.0	847.2	841.8	840.3	836.5
77.5°	773.5	774.9	771.8	771.5	766.8	763.9	758.3	757.4	753.4	753.5	750.0
80°	667.0	666.2	661.1	660.2	655.5	654.3	649.9	650.2	647.0	648.4	645.9
82.5°	548.8	545.8	539.2	537.3	531.8	531.4	528.5	530.9	529.0	531.8	530.2
85°	393.3	394.2	391.3	391.3	389.7	390.2	389.9	391.7	392.0	394.6	394.5
87.5°	219.2	222.4	221.8	224.7	224.6	227.9	228.8	233.7	234.3	238.7	238.7
90°	76.1	80.8	79.4	84.1	83.7	88.7	89.2	94.3	94.1	98.4	97.2
92.5°	35.6	33.5	31.4	29.2	28.1	26.7	26.2	24.6	23.7	22.4	21.3
95°	44.3	40.7	37.0	33.4	32.1	30.7	29.5	28.3	27.0	25.7	24.6
97.5°	50.0	45.8	41.4	37.1	36.0	34.9	33.7	32.6	31.5	30.5	29.4
100°	67.4	59.4	51.4	43.2	42.3	41.4	40.5	39.6	38.6	37.5	36.6
102.5°	136.4	119.2	102.1	84.9	81.7	78.4	75.2	71.9	68.6	65.3	62.2
105°	254.4	226.7	198.9	171.1	162.3	153.4	144.7	135.8	126.9	118.1	109.3
107.5°	384.8	356.6	328.5	300.3	284.1	267.8	251.5	235.0	218.9	202.4	186.1
110°	458.8	438.3	417.8	397.2	384.2	371.1	357.9	344.8	331.7	318.4	305.3



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	472.4	457.9	443.2	428.4	422.7	416.7	411.0	405.0	399.1	393.0	387.1
115°	445.6	435.9	426.0	416.1	414.3	412.2	410.4	408.2	406.2	404.0	402.0
117.5°	401.9	396.5	391.1	385.7	386.2	386.7	387.3	387.6	388.1	388.4	388.6
120°	356.5	354.6	352.5	350.3	352.5	354.4	356.5	358.3	360.3	361.9	363.6
122.5°	320.4	319.7	319.2	318.4	321.0	323.5	325.8	328.2	330.4	332.4	334.5
125°	292.8	292.7	292.7	292.4	295.1	297.5	300.1	302.3	304.6	306.6	308.7
127.5°	275.5	275.8	276.2	276.4	278.6	280.2	282.1	283.8	285.5	286.9	288.4
130°	264.5	264.6	265.0	265.2	267.1	268.8	270.7	272.2	273.7	274.9	276.2
132.5°	258.9	259.0	259.2	259.3	260.9	262.2	263.7	264.7	265.9	266.6	267.6
135°	254.8	254.7	255.0	255.0	256.4	257.9	259.1	260.1	261.3	261.9	262.7
137.5°	252.0	251.9	252.0	252.0	253.3	254.6	255.8	256.8	257.7	258.5	259.0
140°	249.9	249.6	249.7	249.5	250.8	251.8	253.0	253.8	254.8	255.2	255.9
142.5°	247.9	247.3	247.2	246.8	247.7	248.5	249.3	250.1	250.7	251.1	251.5
145°	247.5	246.8	246.4	245.8	246.6	247.2	247.9	248.5	248.9	249.1	249.5
147.5°	247.4	246.6	246.0	245.3	246.2	246.6	247.0	247.3	247.8	248.0	248.2
150°	247.1	246.2	245.4	244.7	245.1	245.4	245.7	246.2	246.3	246.4	246.6
152.5°	246.1	245.3	244.5	243.6	243.9	244.1	244.3	244.3	244.4	244.5	244.5
155°	246.9	246.1	245.3	244.4	244.8	244.8	244.9	245.0	244.8	244.8	244.7
157.5°	249.1	248.3	247.9	247.2	247.1	247.1	247.1	246.7	246.5	246.2	246.0
160°	251.6	250.9	250.4	249.8	249.6	249.5	249.5	249.1	249.0	248.5	248.2
162.5°	254.2	253.7	253.0	252.3	252.1	252.1	252.0	251.6	251.3	251.0	250.7
165°	257.6	256.9	256.6	255.9	255.9	255.6	255.5	255.0	254.8	254.2	253.9
167.5°	260.8	260.4	259.8	259.2	259.1	259.1	258.9	258.7	258.5	258.0	257.9
170°	263.7	263.3	263.0	262.6	262.3	262.2	261.9	261.7	261.3	261.1	260.8
172.5°	265.9	265.6	265.2	264.6	264.6	264.5	264.2	264.1	263.7	263.5	263.4
175°	266.4	266.2	265.6	265.4	265.3	265.2	265.0	264.9	264.6	264.6	264.3
177.5°	267.7	267.5	267.2	267.0	266.8	266.8	266.7	266.6	266.6	266.5	266.4
180°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7



TEST NUMBER: P1444755
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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	32403.1	32403.1
2.5°	32528.5	32526.9
5°	32649.4	32647.5
7.5°	32741.4	32740.9
10°	32752.3	32757.9
12.5°	32686.9	32691.5
15°	32496.1	32505.0
17.5°	32131.3	32143.0
20°	31502.7	31514.9
22.5°	30484.8	30489.9
25°	29005.0	28984.0
27.5°	26987.5	26951.3
30°	24422.8	24387.8
32.5°	21364.9	21343.1
35°	17922.7	17909.0
37.5°	14298.8	14270.7
40°	10780.7	10698.8
42.5°	7695.0	7551.3
45°	5317.9	5147.5
47.5°	3712.4	3607.1
50°	2814.0	2780.0
52.5°	2292.8	2284.9
55°	1934.7	1931.1
57.5°	1665.4	1664.2
60°	1453.9	1453.6
62.5°	1296.2	1296.9
65°	1185.2	1185.4
67.5°	1087.4	1086.7
70°	974.4	973.6
72.5°	896.6	895.3
75°	836.5	835.7
77.5°	751.1	749.7
80°	647.5	645.9
82.5°	532.6	530.7
85°	397.2	397.3
87.5°	243.1	242.9
90°	101.3	99.6
92.5°	20.5	19.7
95°	23.3	22.0
97.5°	28.3	27.2
100°	35.7	34.8
102.5°	58.9	55.6
105°	100.4	91.6
107.5°	169.8	153.4
110°	292.1	279.0



TEST NUMBER: P1444755
CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL15

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	381.0	375.0
115°	399.6	397.4
117.5°	388.8	388.9
120°	365.1	366.7
122.5°	336.3	338.2
125°	310.5	312.3
127.5°	289.4	290.5
130°	276.9	278.0
132.5°	268.1	268.5
135°	263.0	263.5
137.5°	259.3	259.7
140°	256.0	256.3
142.5°	251.7	251.8
145°	249.6	249.7
147.5°	247.8	247.9
150°	246.4	246.3
152.5°	244.3	244.3
155°	244.4	244.3
157.5°	245.5	245.3
160°	247.8	247.5
162.5°	250.1	249.9
165°	253.3	252.8
167.5°	257.4	257.2
170°	260.4	260.1
172.5°	263.0	262.7
175°	264.2	264.1
177.5°	266.4	266.1
180°	267.7	267.7

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

Data in this report applies to families of products including EHBR-60-L935-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-6
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/05/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Metalux
 Catalog Number: **EHBR-60-L935-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3406
 CIE u': 0.2394
 CIE v': 0.5094
 Duv: -0.0028
 CIE x: 0.4076
 CIE y: 0.3856
 CIE z: 0.2068
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 582
 Purity: 38.0517
 Rf: 91.3
 Rg: 100

CRI (Ra):	94.6		
R1:	96.6	R9:	63.8
R2:	98.4	R10:	94.7
R3:	98.1	R11:	96.6
R4:	95.8	R12:	80.9
R5:	96.2	R13:	97.4
R6:	95.4	R14:	98.3
R7:	91.8	R15:	93.1
R8:	84.4		



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-6

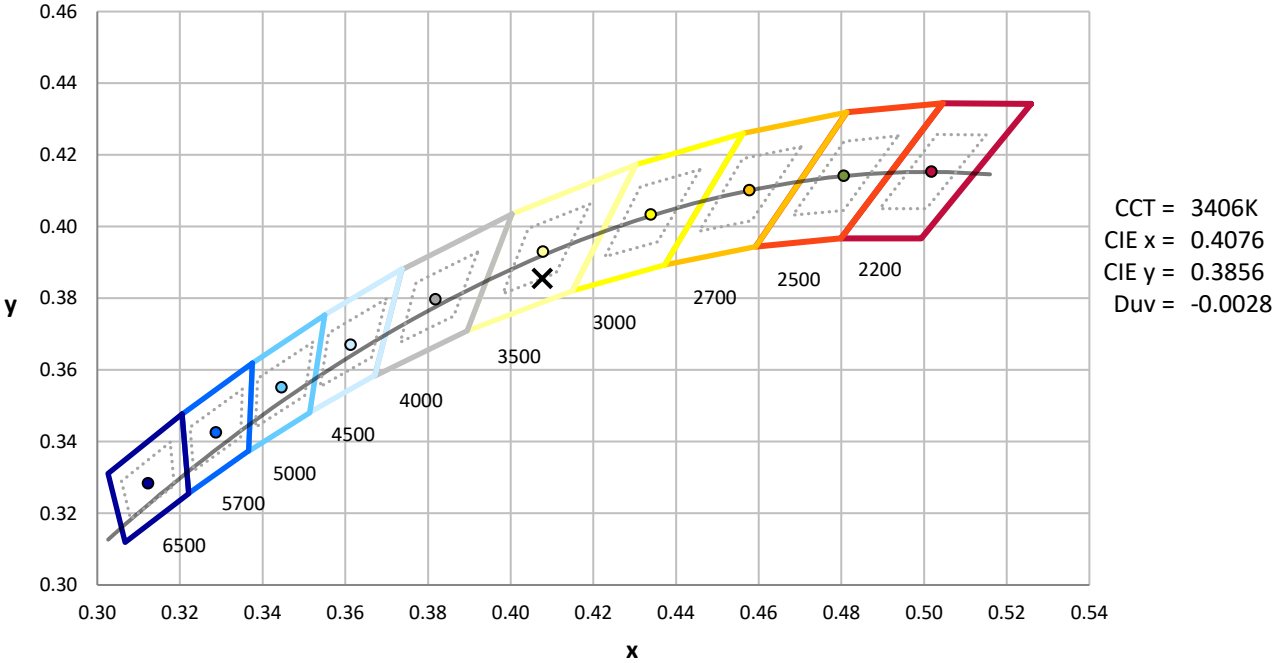
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	10/22/2024	10/22/2025
Sphere Thermometer	ONSET IN0085	10/22/2024	10/22/2025
Room Thermometer	ONSET IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2506-472-6

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-6

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-6

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.62

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR M/P: 3.3

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

Summary

$R_f = 91.3$
 $R_g = 100$
 $CIE R_a = 94.6$
 $R_9 = 63.8$

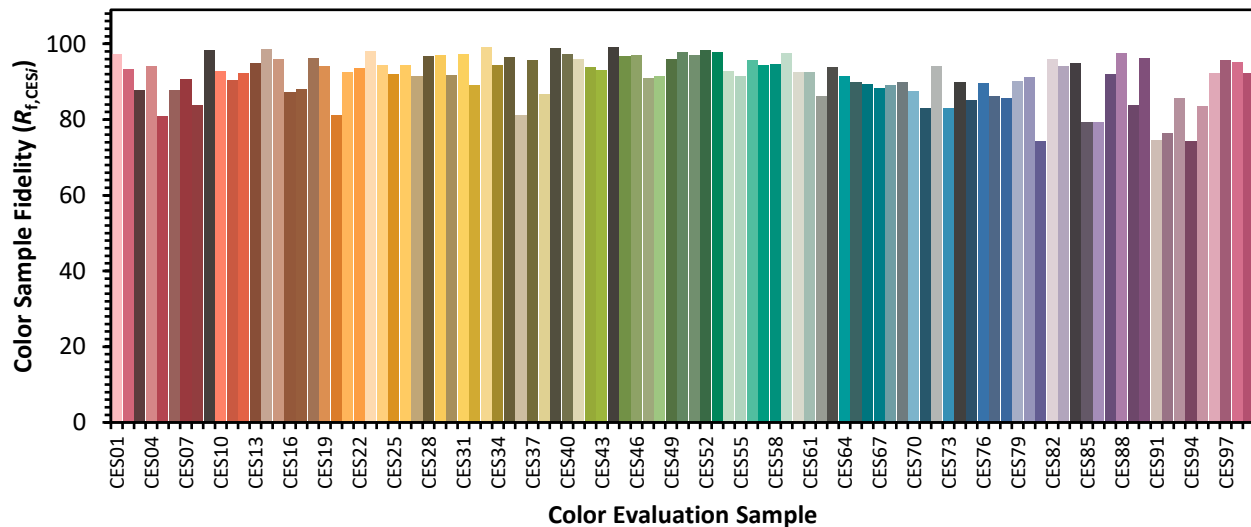


Color Vector Graphics

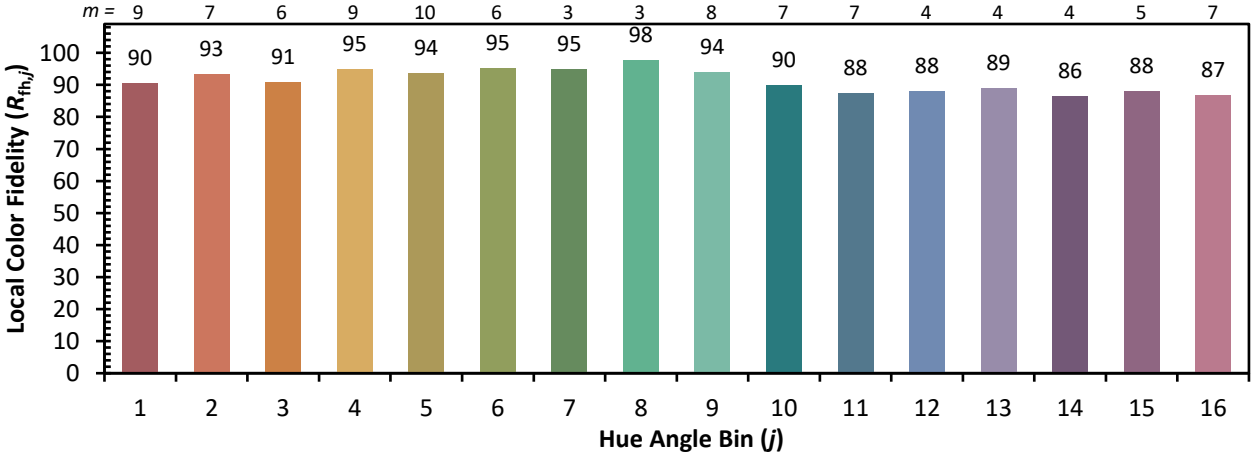


Individual Sample Fidelity Index ($R_{f,i}$)

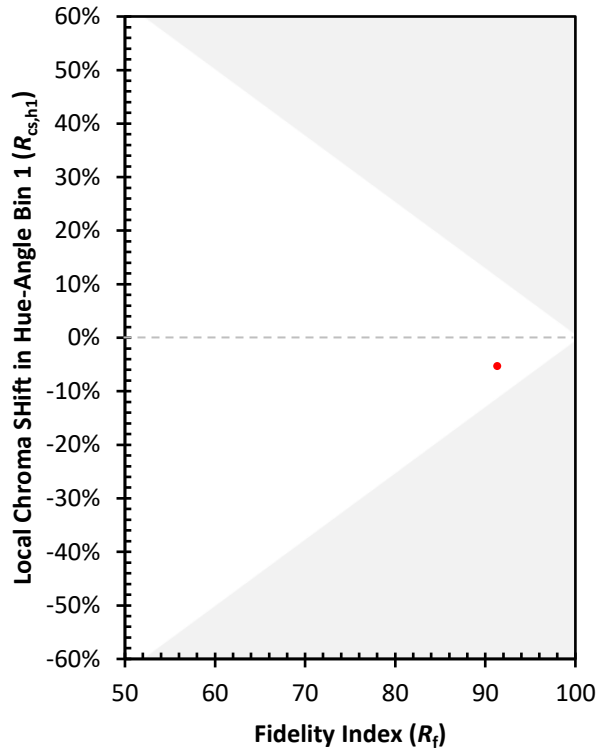
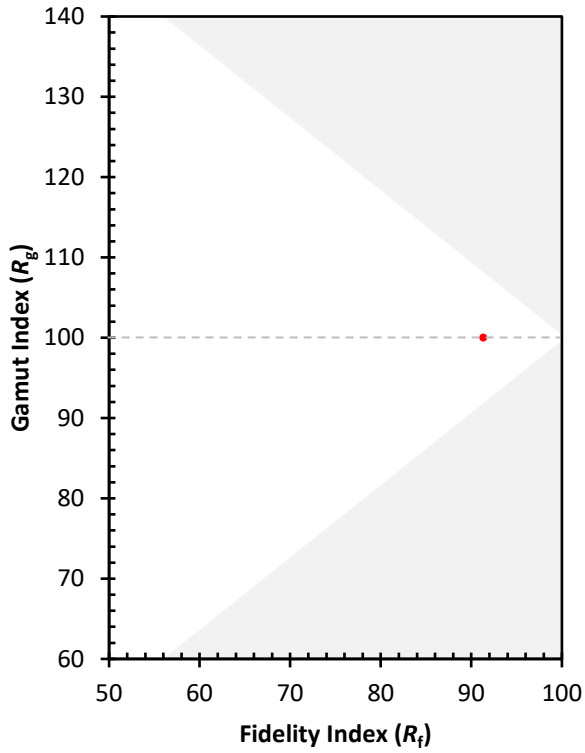
CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 99	CES58 = 95	CES83 = 94
CES09 = 29	CES34 = 94	CES59 = 98	CES84 = 95
CES10 = 75	CES35 = 97	CES60 = 92	CES85 = 79
CES11 = 58	CES36 = 81	CES61 = 93	CES86 = 79
CES12 = 64	CES37 = 96	CES62 = 86	CES87 = 92
CES13 = 44	CES38 = 87	CES63 = 94	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 90	CES90 = 96
CES16 = 48	CES41 = 96	CES66 = 89	CES91 = 75
CES17 = 49	CES42 = 94	CES67 = 88	CES92 = 76
CES18 = 56	CES43 = 93	CES68 = 89	CES93 = 86
CES19 = 71	CES44 = 99	CES69 = 90	CES94 = 74
CES20 = 67	CES45 = 97	CES70 = 88	CES95 = 83
CES21 = 86	CES46 = 97	CES71 = 83	CES96 = 92
CES22 = 78	CES47 = 91	CES72 = 94	CES97 = 96
CES23 = 91	CES48 = 91	CES73 = 83	CES98 = 95
CES24 = 90	CES49 = 96	CES74 = 90	CES99 = 92
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)